هيكل اختبار نهاية الفصل مع الإجابات النموذجية - Reveal

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موقع المناهج ⇦ المناهج الإماراتية ⇦ الصف الخامس ⇦ رياضيات ⇦ الفصل الأول ⇦ اختبارات ⇦ الملف
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إعداد: Alnaqbi Mariam

التواصل الاجتماعي بحسب الصف الخامس					
صفحة المناهج الإماراتية على فيسبوك					
المواد على تلغرام	التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات	

المزيد من الملفات بحسب الصف الخامس والمادة رياضيات في الفصل الأول	
1	هيكل اختبار نهاية الفصل مع الإجابات النموذجية - Reveal
2	نموذج إجابة تجميع هيكل اختبار نهاية الفصل في – بريدج
3	فهم الحجم ووصفه كخاصية للأشكال الصلبة – هيكل – ريفيل (محلول)
4	هيكل مراجعة وحل أسئلة الحجم – ريفيل
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هيكل خامس عام

Reveal Math – Grade 5 General

اختبار نهاية الفصل الدراسي الأول

Academic Year 2026-2027

150	100	25
دقيقة	درجة	سؤال

ممنوع استخدام الآلة الحاسبة

أسئلة اختيار من متعدد	Q1 – Q20
أسئلة مقالية	Q21 – Q25

الإجابات النموذجية في نهاية الملف

إعداد : Ms. Mariam Alnaqbi
روضة ومدرسة نعمة | نطاق AD2.5

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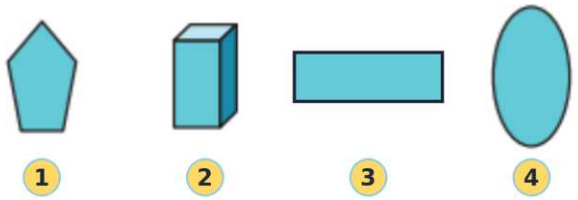
Q1

Describe volume as an attribute of solid figures Unit 2 Lesson 1 Ex. 1–7 (p.35)

1 Which shape has volume?



A	Shape 1	B	Shape 2	C	Shape 3	D	Shape 4

2 For the situation, would you measure the length, area, or volume?

The amount of soil needed to fill a flower pot.

A	Length	B	Area	C	Volume	D	Time

3 For the situation, would you measure the length, area, or volume?

The distance of a bike ride.

A	Length	B	Area	C	Volume	D	Time

4 For the situation, would you measure the length, area, or volume?

The amount of wall space covered by a poster.

A	Length	B	Area	C	Volume	D	Time

5 For the situation, would you measure the length, area, or volume?

The amount of concrete needed to fill a patio.

A	Length	B	Area	C	Volume	D	Time

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Q1 continued

6 For the situation, would you measure the length, area, or volume?

The space inside a moving truck.

A	Length	B	Area	C	Volume	D	Time

7 For the situation, would you measure the length, area, or volume?

The distance around a building.

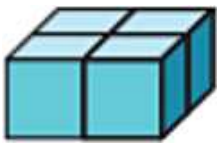
A	Length	B	Area	C	Volume	D	Time

Q2

Determine volume by counting unit cubes that fill a solid with no gaps or overlaps Unit 2 Lesson 2

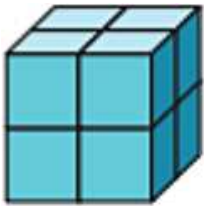
Ex. 1–7 (p.39)

1 Determine the volume of the figure.



A	8 cubic units	B	4 cubic units	C	2 cubic units	D	6 cubic units

2 Determine the volume of the figure.



A	16 cubic units	B	4 cubic units	C	8 cubic units	D	6 cubic units

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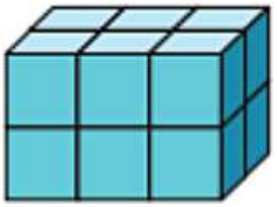
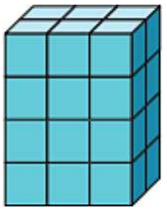
Q2 continued

3 Determine the volume of the figure.



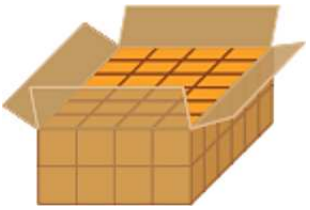
A	8 cubic units	B	18 cubic units	C	6 cubic units	D	12 cubic units

4 Determine the volume of the figure.



A	10 cubic units	B	18 cubic units	C	24 cubic units	D	12 cubic units

5 How can you determine the volume of the box?



A	Count the cubes on the top layer only
B	Length of the box × 2
C	Cubes in one layer × number of layers
D	Cubes in one layer + number of layers

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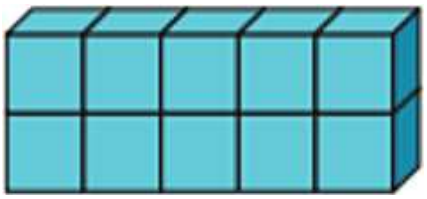
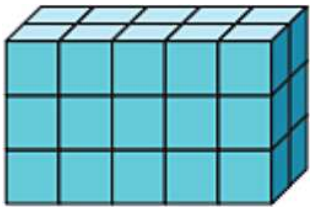
Q2 continued

6 What is the volume of the figure?



A	20 cubic units	B	5 cubic units	C	10 cubic units	D	7 cubic units

7 What is the volume of the figure?

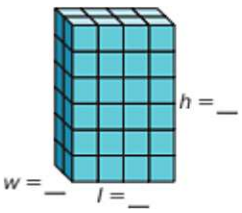


A	30 cubic units	B	10 cubic units	C	15 cubic units	D	60 cubic units

Q3

Find the volume of rectangular prisms using formulas Unit 2 Lesson 3 Ex. 1–7 (p.43)

1 Label the dimensions and then determine the volume of the figure.



A	12 cubic units	B	96 cubic units	C	48 cubic units	D	24 cubic units

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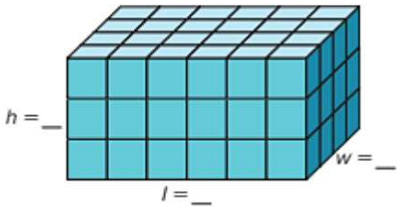
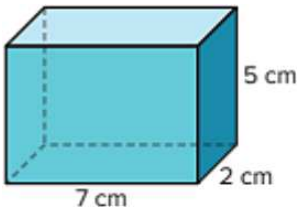
Q3 continued

2 Label the dimensions and then determine the volume of the figure.



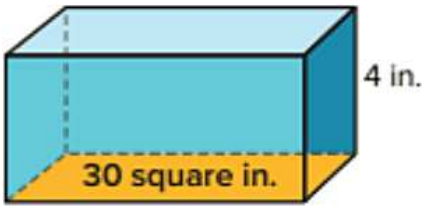
A	72 cubic units	B	13 cubic units	C	36 cubic units	D	54 cubic units

3 What is the volume of the figure?



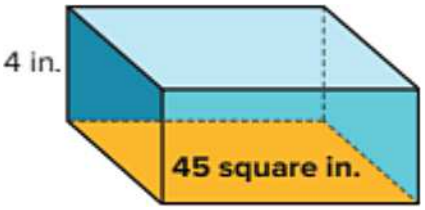
A	35 cubic cm	B	28 cubic cm	C	14 cubic cm	D	70 cubic cm

4 What is the volume of the figure?



A	34 cubic in.	B	240 cubic in.	C	120 cubic in.	D	60 cubic in.

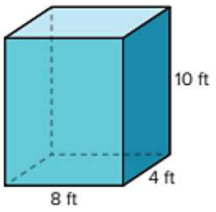
5 What is the volume of the figure?



A	180 cubic in.	B	90 cubic in.	C	49 cubic in.	D	360 cubic in.

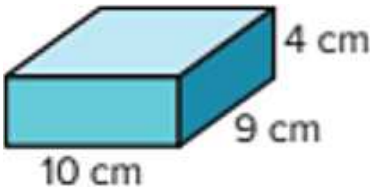
Q3 continued

6 What is the volume of the figure?



A	22 cubic ft	B	32 cubic ft	C	320 cubic ft	D	160 cubic ft

7 Which shows how the Associative Property can be used to mentally find the volume of this figure?



A	(10 × 4) × 9 = 360	B	(10 × 9) + 4 = 94	C	10 × 9 = 90	D	10 + 9 + 4 = 23

Q4

Recognize that the value of a digit represents ten times as much as it represents in the place to its right. Unit 3 Lesson 1

Ex. 1–8 (p.65)

1 Use the place-value chart. The value of the 6 in the hundreds place is ____ times the value of the 6 in the ____ place.

hundred thousands	ten thousands	thousands	hundreds	tens	ones
	3	2	5	6	5
	7	3	6	1	0

A	$\frac{1}{10}$ tens	B	10 tens	C	10 thousands	D	100 tens

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Q4 continued

2 In the number 447,699: the value of the digit 4 in the ten thousands place is ____ the value of the digit 4 in the ____ place.

A	$\frac{1}{10}$ hundred thousands	B	10 times ones	C	10 times hundred thousands	D	$\frac{1}{10}$ thousands

3 In the number 447,699: the value of the digit 9 in the ____ place is 10 times the value of the digit 9 in the ____ place.

A	tens ones	B	ones tens	C	thousands hundreds	D	hundreds ones

4 Is the statement true or false?

The digit 3 in 5,630 is 10 times the value of the digit 3 in 342.

A	False; 30 is $\frac{1}{10}$ of 300
B	False; 30 equals 300
C	True; both digits are 3
D	True; 30 is 10 times 300

5 Is the statement true or false?

The digit 3 in 5,630 is $\frac{1}{10}$ the value of the digit 3 in 342.

A	True; 300 is $\frac{1}{10}$ of 30
B	False; 30 is 10 times 300
C	False; 30 equals 300
D	True; 30 is $\frac{1}{10}$ of 300

Q4 continued

6 Is the statement true or false?

The digit 3 in 5,630 is 10 times the value of the digit 3 in 13.

A	True; 30 is 10 times 3
B	False; 30 equals 3
C	True; 30 is 100 times 3
D	False; 30 is $\frac{1}{10}$ of 3

7 Is the statement true or false?

The digit 3 in 5,630 is $\frac{1}{10}$ the value of the digit 3 in 13.

A	True; 3 is 10 times 30
B	False; 30 is 10 times 3
C	True; 30 is $\frac{1}{10}$ of 3
D	False; 30 is 100 times 3

8 On Tuesday, 600 people attended a play at the Children's Theatre. The same play had 6,000 attendees on Saturday. When you compare 600 attendees to 6,000 attendees, 600 is ____ as much as 6,000.

A	10 times	B	$\frac{1}{10}$	C	$\frac{1}{100}$	D	100 times

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Q5

Read and write decimals to thousandths using standard form, expanded form, and word form. Unit 3 Lesson 3

Ex. 1–12 (p.73)

1 What is the word form of the decimal?

8.2

A	eight and two tenths	B	eighty-two tenths	C	eight and two thousandths	D	eight and two hundredths

2 What is the word form of the decimal?

8.02

A	eighty-two hundredths	B	eight and two tenths	C	eight and two hundredths	D	eight and two thousandths

3 What is the word form of the decimal?

0.82

A	eight and two tenths	B	eighty-two thousandths	C	eighty-two hundredths	D	eight and two hundredths

4 What is the word form of the decimal?

0.082

A	eighty-two tenths	B	eighty-two thousandths	C	eighty-two hundredths	D	eight and two thousandths

5 What is the standard form of the decimal?

0.9 + 0.03 + 0.007

A	0.397	B	0.739	C	9.37	D	0.937

Q5 continued

6 What is the standard form of the decimal?

$$20 + 0.7 + 0.08 + 0.006$$

A	20.786	B	2.786	C	200.786	D	20.687

7 What is the standard form of the decimal?

$$5 + 0.01 + 0.009$$

A	5.0109	B	5.19	C	5.019	D	5.109

8 What is the standard form of the decimal?

$$7 + \frac{4}{10} + \frac{5}{1{,}000}$$

A	7.045	B	7.405	C	7.0405	D	7.45

9 What is the decimal in standard form and in expanded form?

ninety-three and six thousandths

A	9.306 9 + 0.3 + 0.006	B	93.06 90 + 3 + 0.06	C	93.6 90 + 3 + 0.6	D	93.006 90 + 3 + 0.006

Q5 continued

10 What is the decimal in standard form and in expanded form?

three and eight hundred forty-six thousandths

A	38.46 30 + 8 + 0.4 + 0.06
B	3.846 3 + 0.8 + 0.04 + 0.006
C	3.0846 3 + 0.08 + 0.004 + 0.0006
D	3.846 3 + 8 + 4 + 6

11 What is the decimal in standard form and in expanded form?

two hundred twelve and fifteen thousandths

A	212.15 200 + 10 + 2 + 0.1 + 0.05
B	2.1215 2 + 0.1 + 0.02 + 0.001 + 0.0005
C	212.015 200 + 10 + 2 + 0.01 + 0.005
D	212.0015 200 + 10 + 2 + 0.001 + 0.0005

12 What is the decimal in standard form and in expanded form?

seven hundred fifty-one thousandths

A	751 700 + 50 + 1
B	7.51 7 + 0.5 + 0.01
C	0.751 0.7 + 0.05 + 0.001
D	0.0751 0.07 + 0.005 + 0.0001

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Q6

Use rounding strategies to round decimals Unit 3 Lesson 5 Ex. 1–10 (p.83)

1 What is the decimal rounded to the nearest whole number?

78.39

A	80	B	79	C	78.4	D	78

2 What is the decimal rounded to the nearest whole number?

4.07

A	5	B	4.7	C	4	D	4.1

3 What is the decimal rounded to the nearest whole number?

12.7

A	20	B	13	C	12	D	12.8

4 What is the decimal rounded to the nearest whole number?

15.55

A	15	B	15.6	C	15.5	D	16

5 What is the decimal rounded to the nearest tenth?

42.89

A	42.8	B	42.0	C	43.0	D	42.9

6 What is the decimal rounded to the nearest tenth?

3.65

A	4.0	B	3.5	C	3.7	D	3.6

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Q6 continued

7 What is the decimal rounded to the nearest tenth?

16.12

A	16.2	B	17.0	C	16.1	D	16.0

8 What is the decimal rounded to the nearest tenth?

98.17

A	98.2	B	99.0	C	98.0	D	98.1

9 Danica rounded a number to the nearest tenth to get 14.7. What number could she have rounded to get this answer?

A	14.63	B	14.68	C	14.81	D	14.75

10 Which statements are true?

(I) 43.678 rounded to the nearest tenth is 43.6.
(II) 43.678 rounded to the nearest tenth is 43.7.
(III) 43.678 rounded to the nearest hundredth is 43.68.
(IV) 43.678 rounded to the nearest hundredth is 43.67.

A	I and III	B	II and III	C	II and IV	D	I and IV

Q7

Estimate sums and differences of decimals Unit 4 Lesson 1 Ex. 1–9 (p.95)

1 What is a reasonable estimate for the sum?

9.86 + 4.30

A	12	B	14	C	18	D	16

Q7 continued

2 What is a reasonable estimate for the sum?

$$43.85 + 56.01$$

A	100	B	140	C	80	D	120

3 What is a reasonable estimate for the sum?

$$3.92 + 6.14$$

A	8	B	10	C	12	D	14

4 What is a reasonable estimate for the sum?

$$24.73 + 26.05$$

A	41	B	51	C	71	D	61

5 What is a reasonable estimate for the difference?

$$8.32 - 5.9$$

A	6	B	14	C	2	D	4

6 What is a reasonable estimate for the difference?

$$88.4 - 10.96$$

A	88	B	67	C	99	D	77

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Q7 continued

7 What is a reasonable estimate for the difference?

$$16.28 - 5.9$$

A	14	B	8	C	22	D	10

8 What is a reasonable estimate for the difference?

$$5.42 - 1.7$$

A	7	B	3	C	1	D	5

9 STEM Connection A baby rabbit weighs 24.8 grams. A veterinarian predicts the rabbit will weigh about 64.5 grams by the next visit. About how much weight will the rabbit gain?

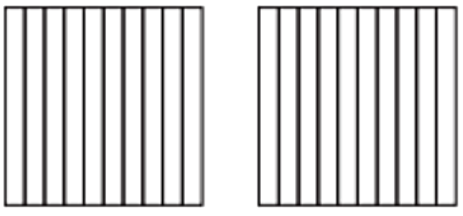
A	About 30 grams	B	About 90 grams	C	About 40 grams	D	About 50 grams

Q8

Represent addition of decimals using decimal grids Unit 4 Lesson 2 Ex. 1–10 (p.101)

1 What is the sum? Use the decimal grids.

$$0.7 + 0.1 = ?$$

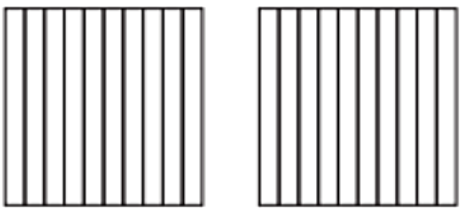


A	0.71	B	0.6	C	0.08	D	0.8

Q8 continued

2 What is the sum? Use the decimal grids.

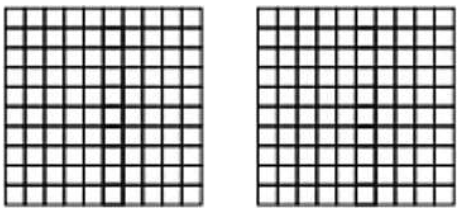
$$0.5 + 0.8 = ?$$



A	1.03	B	0.3	C	0.13	D	1.3

3 What is the sum? Use the decimal grids.

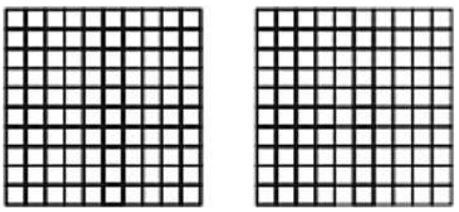
$$0.02 + 0.09 = ?$$



A	0.11	B	0.7	C	0.011	D	1.1

4 What is the sum? Use the decimal grids.

$$0.78 + 0.64 = ?$$



A	1.42	B	1.52	C	0.142	D	1.32

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Q8 continued

5 What is the sum? Use decimal grids to show the sum.

$$0.2 + 0.7 = ?$$

A	0.9	B	0.27	C	0.09	D	0.5

6 What is the sum? Use decimal grids to show the sum.

$$0.5 + 0.6 = ?$$

A	1.01	B	1.6	C	0.11	D	1.1

7 What is the sum? Use decimal grids to show the sum.

$$0.08 + 0.06 = ?$$

A	0.014	B	0.02	C	0.14	D	1.4

8 What is the sum? Use decimal grids to show the sum.

$$0.79 + 0.84 = ?$$

A	1.63	B	0.163	C	1.53	D	1.73

9 What is the sum? Use decimal grids to show the sum.

$$0.32 + 0.88 = ?$$

A	0.12	B	1.2	C	1.1	D	1.3

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Q8 continued

10 **What is the sum? Use decimal grids to show the sum.**

$$0.46 + 0.29 = ?$$

A	0.85	B	0.075	C	0.65	D	0.75

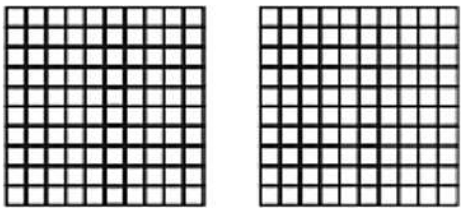
Q9

Explain how to use various strategies to add decimals Unit 4 Lesson 3

Ex. 1–8 (p.105)
Ex. 9–11 (p.106)

1 **What is the sum? Use the decimal grids to solve.**

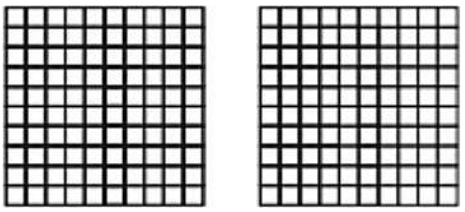
$$0.9 + 0.02 = ?$$



A	0.92	B	0.902	C	0.11	D	1.1

2 **What is the sum? Use the decimal grids to solve.**

$$0.14 + 0.5 = ?$$

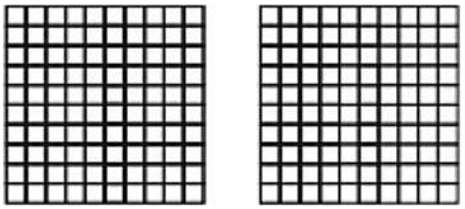


A	1.4	B	0.64	C	0.19	D	0.154

Q9 continued

3 What is the sum? Use the decimal grids to solve.

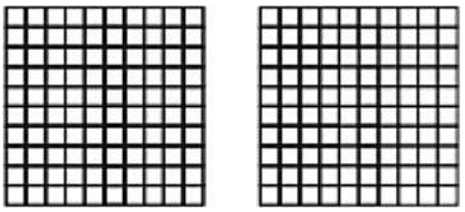
$$0.45 + 0.4 = ?$$



A	0.405	B	0.95	C	0.85	D	0.49

4 What is the sum? Use the decimal grids to solve.

$$0.6 + 0.09 = ?$$



A	0.609	B	1.5	C	0.15	D	0.69

5 What is the sum? Use decimal grids to solve.

$$0.7 + 0.18 = ?$$

A	0.78	B	0.88	C	0.718	D	0.25

6 What is the sum? Use decimal grids to solve.

$$0.86 + 0.5 = ?$$

A	0.136	B	1.46	C	0.91	D	1.36

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Q9 continued

7 What is the sum? Use decimal grids to solve.

$$0.44 + 0.6 = ?$$

A	1.4	B	0.5	C	0.104	D	1.04

8 What is the sum? Use decimal grids to solve.

$$0.1 + 0.89 = ?$$

A	0.189	B	0.9	C	1.09	D	0.99

9 Adrian jumped 0.25 meter down a sidewalk. He jumped again and went an additional 0.3 meter. What is the total distance that Adrian jumped?

A	0.28 meter	B	0.525 meter	C	0.58 meter	D	0.55 meter

10 Vi bought 1.4 pounds of pecans and 0.79 pound of almonds. What is the total weight of the nuts Vi bought?

A	1.119 pounds	B	1.47 pounds	C	2.19 pounds	D	0.219 pound

Q9 continued

11 **Error Analysis** Abe represented the expression 0.32 + 0.4 on this decimal grid. How do you respond to Abe?

A	Correct; the sum is 0.64	B	Correct; the sum is 0.36	C	Wrong; the sum is 0.36	D	Wrong; the sum is 0.72

Q10

Represent subtraction of decimals less than 1 containing hundredths
Unit 4 Lesson 5

Learn (p.112)

Learn

The table shows the decimals represented by different colors on a decimal grid. How much more is shaded red than green?

Color	Decimal
Red	0.4
Green	0.2
Yellow	0.36
Purple	0.04

A	0.6	B	0.2	C	0.38	D	0.02

Learn

Use the same table. How much more is shaded yellow than purple?

Color	Decimal
Red	0.4
Green	0.2
Yellow	0.36
Purple	0.04

A	0.4	B	0.32	C	0.28	D	0.04

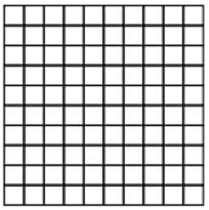
Q11

Subtract tenths from hundredths. Subtract hundredths from tenths.
Unit 4 Lesson 6

Ex. 1–8 (p.117 & 118)

1 What is the difference? Use the decimal grids to solve.

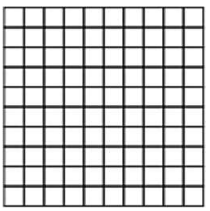
$$0.54 - 0.1 = ?$$



A	0.64	B	0.44	C	0.45	D	0.53

2 What is the difference? Use the decimal grids to solve.

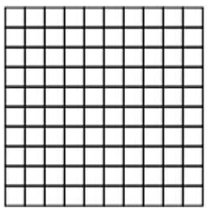
$$0.9 - 0.02 = ?$$

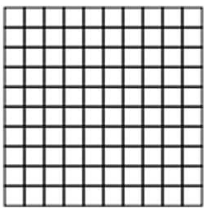


A	0.08	B	0.7	C	0.88	D	0.92

3 What is the difference? Use the decimal grids to solve.

$$1.07 - 0.3 = ?$$





A	0.77	B	1.37	C	0.67	D	1.04

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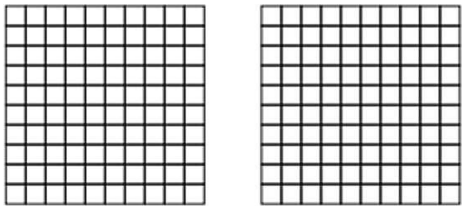
Q11 continued

4 What is the difference? Use the decimal grids to solve.

$$1.28 - 0.7 = ?$$



A	1.21	B	0.58	C	1.98	D	0.68

5 What is the difference? Use decimal grids to solve.

$$2.3 - 0.27 = ?$$

A	2.27	B	2.03	C	2.57	D	2.13

6 What is the difference? Use decimal grids to solve.

$$2.7 - 1.68 = ?$$

A	1.98	B	4.38	C	1.02	D	1.12

7 What is the difference? Use decimal grids to solve.

$$1.74 - 0.8 = ?$$

A	2.54	B	1.66	C	0.94	D	0.84

Q11 continued

8 **What is the difference? Use decimal grids to solve.**

$$2.25 - 1.8 = ?$$

A	**0.45**	**B**	**2.07**	**C**	**1.45**	**D**	**4.05**

Q12

Write a power of 10 using a base of 10 and exponents Unit 5 Lesson 1 Ex. 1–14 (p.137)

1 Write the exponential form as a multiplication expression.

10^4

A	10 × 10 × 10	B	10 × 10	C	10 × 10 × 10 × 10 × 10	D	10 × 10 × 10 × 10

2 Write the exponential form as a multiplication expression.

10^2

A	10 × 10	B	10	C	10 × 10 × 10 × 10	D	10 × 10 × 10

3 Write the exponential form as a multiplication expression.

10^3

A	10 × 10 × 10	B	10 × 10 × 10 × 10	C	10 × 10	D	10 × 10 × 10 × 10 × 10

4 Write the exponential form as a multiplication expression.

10^6

A	10 × 10 × 10 × 10	B	10 × 10 × 10 × 10 × 10 × 10	C	10 × 10 × 10 × 10 × 10 × 10	D	10 × 10 × 10 × 10 × 10

5 Write the exponential form.

$10 \times 10 \times 10 = ?$

A	10^4	B	10^3	C	10^2	D	10^1

Q12 continued

6 Write the exponential form.

$$10 \times 10 \times 10 \times 10 \times 10 = ?$$

A	10^3	B	10^5	C	10^4	D	10^6

7 Write the exponential form.

$$10 \times 10 \times 10 \times 10 = ?$$

A	10^2	B	10^4	C	10^5	D	10^3

8 Write the exponential form.

$$10 \times 10 = ?$$

A	10^2	B	10^4	C	10^3	D	10^1

9 Write the exponential form of the power of 10.

$$10 = ?$$

A	10^1	B	10^3	C	10^2	D	10^0

10 Write the exponential form of the power of 10.

$$1{,}000 = ?$$

A	10^3	B	10^2	C	10^4	D	10^1

11 Write the exponential form of the power of 10.

$$100 = ?$$

A	10^3	B	10^4	C	10^2	D	10^1

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Q12 continued

12 **Write the exponential form of the power of 10.**

$$10{,}000 = ?$$

A	10^2	B	10^5	C	10^4	D	10^3

13 **Rachel finds the value of 10^5 as shown: $10^5 = 10 \times 5 = 50$. Do you agree with her solution?**

A	Yes; it is 50	B	No; it is 100,000	C	No; it is 25	D	No; it is 15

14 **STEM Connection Grace reviewed 10^6 lines of a computer program. How many lines did she review? Write the product.**

A	10,000,000 lines	B	100,000 lines	C	1,000,000 lines	D	60 lines

Q13

Determine the products of numbers multiplied by powers of 10 written with exponents Unit 5 Lesson 2

Ex. 1–16 (p.141 & 142)

1 **What is the product? Use patterns to solve.**

12×10
12×100
$12 \times 1{,}000$

A	120 12,000 120,000	B	12 120 1,200	C	1,200 12,000 120,000	D	120 1,200 12,000

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Q13 continued

2 What is the product? Use patterns to solve.

$24 \times 1{,}000$
$24 \times 10{,}000$
$24 \times 100{,}000$

A	24,000 240,000 2,400,000	B	2,400 24,000 240,000	C	240,000 2,400,000 24,000,000	D	24,000 2,400,000 24,000,000

3 What is the product? Use patterns to solve.

33×10^2
33×10^3
33×10^4

A	3,300 33,000 330,000	B	33,000 330,000 3,300,000	C	3,300 330,000 3,300,000	D	330 3,300 33,000

4 What is the product? Use patterns to solve.

57×10^4
57×10^5
57×10^6

A	570,000 57,000,000 570,000,000	B	57,000 570,000 5,700,000	C	570,000 5,700,000 57,000,000	D	5,700,000 57,000,000 570,000,000

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Q13 continued

5 What is the product?

$$23 \times 10^3$$

A	69	B	2,300	C	230,000	D	23,000

6 What is the product?

$$581 \times 10^2$$

A	5,810	B	1,162	C	58,100	D	581,000

7 What is the product?

$$60 \times 10^4$$

A	240	B	600,000	C	6,000,000	D	60,000

8 What is the product?

$$103 \times 10^2$$

A	1,030	B	10,300	C	103,000	D	206

9 What is the unknown factor?

$$571 \times \_\_\_\_ = 5{,}710$$

A	1,000	B	100	C	10	D	1

Q13 continued

10 **What is the unknown factor?**

$$43 \times \_\_\_\_ = 4{,}300{,}000$$

A	1,000,000	B	100,000	C	10,000	D	1,000

11 **What is the unknown factor?**

$$6 \times \_\_\_\_ = 6{,}000$$

A	100	B	10	C	1,000	D	10,000

12 **What is the unknown factor?**

$$28 \times \_\_\_\_ = 280{,}000$$

A	100,000	B	100	C	10,000	D	1,000

13 **When the exponent increases by 2, how does the product change?**

$$6 \times 10^5 = 600{,}000$$
$$6 \times 10^7 = 60{,}000{,}000$$
$$6 \times 10^9 = 6{,}000{,}000{,}000$$

A	1 more zero each time	B	Zeros stay the same	C	2 more zeros each time	D	Each is 2 times the last

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Q13 continued

14 **Error Analysis** Carol says the equation that she wrote is correct: $80 \times 10{,}000 = 80{,}000$. How do you respond to her?

A	Wrong; 800,000	B	Wrong; 8,000	C	Wrong; 8,000,000	D	Correct; 80,000

15 **Which equations are true?**

(I) $6 \times 100 = 6 \times 10 \times 10 \times 10$
(II) $10{,}000 \times 4 = 10 \times 10 \times 10 \times 10 \times 4$
(III) $15 \times 10^3 = 1{,}500$
(IV) $70 \times 10 \times 10 = 7{,}000$

A	I and III	B	II and IV	C	III and IV	D	I and II

16 **Extend Your Thinking** Find the unknown factor that is a whole number.

$$? \times 10^5 = 56{,}300{,}000$$

A	56	B	563	C	5,630	D	56,300

Q14

Use an area model and partial products to multiply multi-digit whole numbers
Unit 5 Lesson 4

Ex. 1–8 (p.149)

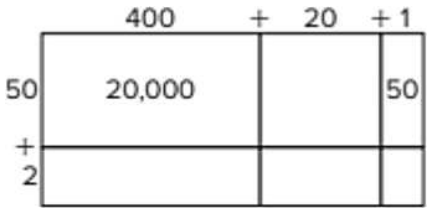
1 **Complete the area model. Then solve to find the product.**

	100	+ 50	+ 4
30	3,000		
+ 6	600		

A	5,644	B	4,644	C	5,204	D	5,544

Q14 continued

2 Complete the area model. Then solve to find the product.



A	21,050	B	22,892	C	21,892	D	20,892

3 What is the product? Use area models to solve.

$$15 \times 24 = ?$$

A	360	B	340	C	380	D	320

4 What is the product? Use area models to solve.

$$28 \times 132 = ?$$

A	3,796	B	3,596	C	1,320	D	3,696

5 What is the product? Use area models to solve.

$$33 \times 78 = ?$$

A	2,574	B	2,674	C	2,474	D	2,374

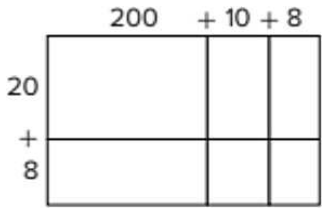
6 What is the product? Use area models to solve.

$$72 \times 225 = ?$$

A	17,200	B	16,020	C	16,200	D	15,200

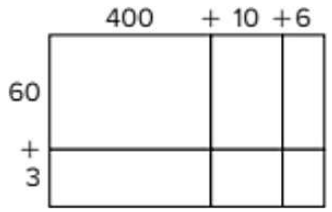
Q14 continued

7 Write the multiplication equation based on the area model. Then solve to find the product.



A	200 × 28 = 5,600	B	218 × 28 = 5,104	C	218 × 20 = 4,360	D	218 × 28 = 6,104

8 Write the multiplication equation based on the area model. Then solve to find the product.



A	416 × 63 = 25,208	B	400 × 63 = 25,200	C	416 × 60 = 24,960	D	416 × 63 = 26,208

Q15

Multiply using an algorithm Unit 5 Lesson 6 Ex. 1–8 (p.157)

1 What is the product?

$$327 \times 6$$

A	1,862	B	1,962	C	2,062	D	1,942

2 What is the product?

$$543 \times 8$$

A	4,344	B	4,044	C	4,384	D	4,324

Q15 continued

3 What is the product?

$$1{,}931 \times 5$$

A	9,555	B	9,655	C	9,665	D	9,155

4 What is the product?

$$3{,}462 \times 4$$

A	13,848	B	12,848	C	13,828	D	13,648

5 What is the product? Choose the correct answer.

$$188 \times 7 = s$$

A	s = 1,300	B	s = 1,316	C	s = 1,388	D	s = 1,406

6 What is the product? Choose the correct answer.

$$237 \times 9 = v$$

A	v = 2,033	B	v = 2,163	C	v = 2,153	D	v = 2,133

7 What is the product? Choose the correct answer.

$$2{,}623 \times 2 = y$$

A	y = 5,246	B	y = 4,246	C	y = 5,126	D	y = 5,616

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Q15 continued

8 What is the product? Choose the correct answer.

$$5{,}246 \times 3 = r$$

A	r = 15,882	B	r = 16,838	C	r = 16,612	D	r = 15,738

Q16

Use patterns to multiply a decimal by a power of 10 Unit 6 Lesson 1 Ex. 1–5 (p.175)

1 Write the multiplication expression using factors of 10. Then, find the value.

$$3.6 \times 10^2$$

A	3.6 × 10 = 36	B	3.6 × 10 × 10 = 360	C	3.6 × 10 × 10 × 10 = 3,600	D	3.6 × 2 = 7.2

2 Write the multiplication expression using factors of 10. Then, find the value.

$$7.2 \times 10^3$$

A	7.2 × 10 × 10 = 720	B	7.2 × 10 × 10 × 10 = 7,200	C	7.2 × 3 = 21.6	D	7.2 × 10 × 10 × 10 × 10 = 72,000

3 Write the multiplication expression using factors of 10. Then, find the value.

$$4.8 \times 10^4$$

A	4.8 × 10 × 10 × 10 = 4,800
B	4.8 × 10 × 10 × 10 × 10 × 10 = 480,000
C	4.8 × 10 × 10 × 10 × 10 = 48,000
D	4.8 × 4 = 19.2

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Q16 continued

4 Write the multiplication expression using factors of 10. Then, find the value.

$$1.9 \times 10^2$$

A	1.9 × 10 = 19	B	1.9 × 10 × 10 = 190	C	1.9 × 10 × 10 × 10 = 1,900	D	1.9 × 2 = 3.8

5 Ashley rides the train to visit her grandmother. She lives 1.2×10^2 miles away from her grandmother. How many miles does she travel?

A	12 miles	B	2.4 miles	C	120 miles	D	1,200 miles

Q17

Explain how to estimate products of two decimals Unit 6 Lesson 2 Ex. 1–13 (p.179)

1 Estimate the product by rounding.

$$5.73 \times 3.16$$

A	5 × 4 = 20	B	5 × 3 = 15	C	6 × 3 = 18	D	6 × 4 = 24

2 Estimate the product by rounding.

$$6.23 \times 3.87$$

A	7 × 4 = 28	B	7 × 3 = 21	C	6 × 4 = 24	D	6 × 3 = 18

Q17 continued

3 Estimate the product by rounding.

$$13.6 \times 9.82$$

A	14 × 10 = 140	B	14 × 9 = 126	C	13 × 9 = 117	D	13 × 8 = 104

4 Estimate the product by rounding.

$$40.55 \times 7.89$$

A	50 × 8 = 400	B	40 × 7 = 280	C	50 × 7 = 350	D	40 × 8 = 320

5 Estimate the product by rounding.

$$19.91 \times 28.75$$

A	20 × 30 = 600	B	10 × 20 = 200	C	10 × 30 = 300	D	20 × 20 = 400

6 Estimate the product by rounding.

$$24.09 \times 12.57$$

A	24 × 10 = 240	B	24 × 12 = 288	C	30 × 20 = 600	D	24 × 13 = 312

7 Estimate the product by finding a range.

$$4.93 \times 7.88$$

A	12 to 15	B	20 to 28	C	40 to 56	D	28 to 40

Q17 continued

8 Estimate the product by finding a range.

$$3.29 \times 3.81$$

A	6 to 8	B	16 to 25	C	9 to 16	D	3 to 9

9 Estimate the product by finding a range.

$$7.77 \times 10.8$$

A	70 to 88	B	17 to 19	C	88 to 110	D	56 to 70

10 Estimate the product by finding a range.

$$4.1 \times 13.5$$

A	39 to 52	B	18 to 19	C	70 to 84	D	52 to 70

11 Estimate the product by finding a range.

$$20.11 \times 9.96$$

A	100 to 180	B	210 to 300	C	180 to 210	D	29 to 31

12 Estimate the product by finding a range.

$$16.12 \times 3.55$$

A	30 to 48	B	19 to 21	C	68 to 85	D	48 to 68

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Q17 continued

13 **Bryce is buying 4.3 kilograms of apples. The store charges $1.79 per kilogram for apples. About how much will the apples cost?**

A	About $80	B	About $8	C	About $0.80	D	About $6

Q18

Use patterns based on place value concepts and properties of operations to make generalizations about multiplying decimals Unit 6 Lesson 5

Ex. 1–11 (p.193)

1 **Complete the sentence.**

3.8 is ____ of 38.
So, 3.8 × 25 is ____ of the product 38 × 25.

A	$\frac{1}{100}$ $\frac{1}{100}$	B	$\frac{1}{10}$ $\frac{1}{100}$	C	$\frac{1}{10}$ $\frac{1}{10}$	D	10 times 10 times

2 **Complete the sentence.**

0.45 is ____ of 45.
So, 0.45 × 16 is ____ of the product 45 × 16.

A	100 times 100 times	B	$\frac{1}{10}$ $\frac{1}{10}$	C	$\frac{1}{100}$ $\frac{1}{100}$	D	$\frac{1}{100}$ $\frac{1}{10}$

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Q18 continued

3 Complete the sentence.

7.8 is ____ of 78 and 9.2 is ____ of 92.
So, 7.8 × 9.2 is ____ of the product 78 × 92.

A	$\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{100}$	B	$\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$	C	$\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{10}$	D	10 times 10 times 100 times

4 What is the product? Use patterns to solve.

45 × 17 = 765
45 × 1.7 = ?
45 × 0.17 = ?

A	7.65 76.5	B	76.5 7.65	C	76.5 0.765	D	765 76.5

5 What is the product? Use patterns to solve.

32 × 14 = ?
32 × 1.4 = 44.8
3.2 × 1.4 = ?

A	44.8 0.448	B	448 44.8	C	448 4.48	D	4.48 448

Q18 continued

6 What is the product? Use patterns to solve.

$16 \times 89 = 1{,}424$
$16 \times 8.9 = ?$
$16 \times 0.89 = ?$

A	142.4 14.24	B	1,424 142.4	C	14.24 142.4	D	142.4 1.424

7 What is the product? Use patterns to solve.

$61 \times 22 = ?$
$6.1 \times 22 = 134.2$
$6.1 \times 2.2 = ?$

A	13.42 1,342	B	134.2 1.342	C	1,342 134.2	D	1,342 13.42

8 What is the product? Use patterns to solve.

$96 \times 55 = ?$
$96 \times 5.5 = ?$
$9.6 \times 5.5 = 52.8$

A	5,280 52.8	B	528 5,280	C	52.8 528	D	5,280 528

Q18 continued

9 What is the product? Use patterns to solve.

$19 \times 42 = ?$
$1.9 \times 42 = 79.8$
$1.9 \times 4.2 = ?$

A	7.98 798	B	798 79.8	C	798 7.98	D	79.8 0.798

10 What is the product? Use patterns to solve.

$67 \times 34 = ?$
$67 \times 3.4 = ?$
$6.7 \times 3.4 = ?$

A	2,278 227.8 22.78	B	2,178 217.8 21.78	C	227.8 2,278 22.78	D	2,278 22.78 227.8

11 What is the product? Use patterns to solve.

$82 \times 67 = ?$
$82 \times 6.7 = ?$
$8.2 \times 6.7 = ?$

A	5,494 54.94 549.4	B	5,394 539.4 53.94	C	5,494 549.4 54.94	D	549.4 5,494 54.94

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Q19

Use patterns to determine the quotient when dividing by a multiple of 10
Unit 7 Lesson 1

Ex. 1–10 (p.209)

1 Use a basic fact and patterns to solve.

15 ÷ 3 = 5
150 ÷ 30 = 5
1,500 ÷ 30 = 50
15,000 ÷ 30 = ___

A	50	B	5,000	C	500	D	5

2 Use a basic fact and patterns to solve.

32 ÷ 8 = 4
320 ÷ 80 = 4
3,200 ÷ 80 = 40
32,000 ÷ 80 = ___

A	400	B	4,000	C	40	D	4

3 Use a basic fact and patterns to solve.

20,000 ÷ 40 = ?

A	500	B	5,000	C	50	D	800

4 Use a basic fact and patterns to solve.

15,000 ÷ 30 = ?

A	5,000	B	50	C	500	D	450

Q19 continued

5 **Use a basic fact and patterns to solve.**

$$18{,}000 \div 60 = ?$$

A	3,000	B	30	C	600	D	300

6 **Use a basic fact and patterns to solve.**

$$16{,}000 \div 80 = ?$$

A	400	B	200	C	20	D	2,000

7 **Use a basic fact and patterns to solve.**

$$8{,}000 \div 40 = ?$$

A	20	B	200	C	400	D	2,000

8 **Use a basic fact and patterns to solve.**

$$25{,}000 \div 50 = ?$$

A	500	B	250	C	50	D	5,000

9 **Use a basic fact and patterns to solve.**

$$32{,}000 \div 80 = ?$$

A	800	B	400	C	4,000	D	40

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Q19 continued

10 **Use a basic fact and patterns to solve.**

$$9{,}000 \div 30 = ?$$

A	900	B	3,000	C	300	D	30

Q20

Estimate quotients of multi-digit numbers to determine if calculations are reasonable Unit 7 Lesson 2

Ex. 1–9 (p.213)

1 **Estimate the quotient.**

$$2{,}400 \div 34$$

A	About 8	B	About 40	C	About 80	D	About 800

2 **Estimate the quotient.**

$$3{,}500 \div 65$$

A	About 50	B	About 100	C	About 500	D	About 5

3 **Estimate the quotient.**

$$1{,}800 \div 92$$

A	About 2	B	About 20	C	About 200	D	About 90

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Q20 continued

4 Estimate the quotient.

$$4{,}800 \div 86$$

A	About 30	B	About 6	C	About 600	D	About 60

5 Estimate the quotient.

$$6{,}390 \div 31$$

A	About 400	B	About 20	C	About 200	D	About 2,000

6 Estimate the quotient.

$$4{,}988 \div 19$$

A	About 250	B	About 25	C	About 500	D	About 2,500

7 Estimate the quotient.

$$809 \div 10$$

A	About 8	B	About 80	C	About 800	D	About 40

8 Estimate the quotient.

$$9{,}598 \div 11$$

A	About 90	B	About 9,000	C	About 900	D	About 300

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Q20 continued

9 **Error Analysis** Cho writes this equation: 9,025 ÷ 25 = 3,610. Is her calculation reasonable?

A	No; about 360	B	No; about 36	C	Yes; about 3,600	D	Yes; about 3,610

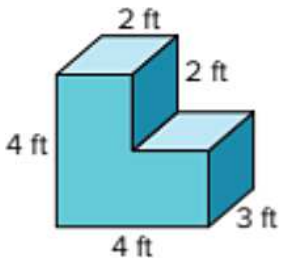
Q21

Find the volume of composite figures Unit 2 Lesson 4

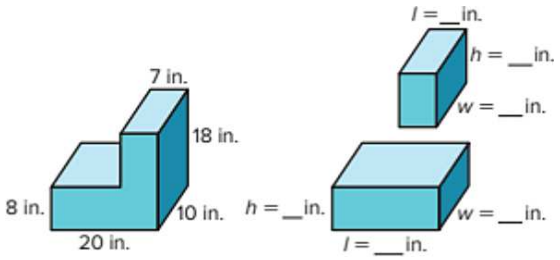
Learn (p.48)
Ex. 1–5 (p.49)

Learn

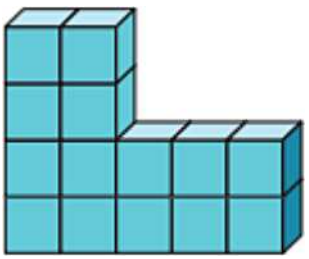
How can you determine the volume of this figure?



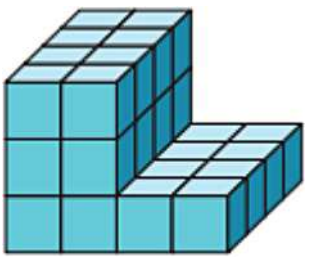
1 **Label the unknown dimensions of the decomposed figure and then find the volume of the composite solid figure.**



2 **What is the volume of the figure?**

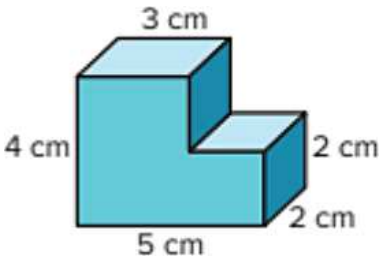


3 **What is the volume of the figure?**

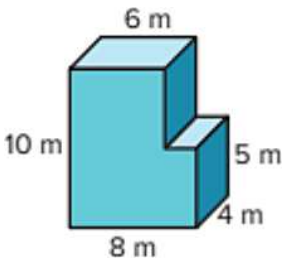


Q21 continued

4 Draw line(s) to show how you decomposed the figure. What is the volume of the figure?



5 Draw line(s) to show how you decomposed the figure. What is the volume of the figure?



Q22

Compare two decimals to the thousandths place using place value
Unit 3 Lesson 4

Learn (p.76)
Ex. 1–9 (p.77)

Learn

Which bag weighs more?

(Compare the digits in each place starting with the greatest place-value position.)

1 Write >, <, or = to make a true comparison.

7.790 ◯ **8.7**

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Q22 continued

2 Write >, <, or = to make a true comparison.

1.021 ◯ 1.095

3 Write >, <, or = to make a true comparison.

6.55 ◯ 5.66

4 Write >, <, or = to make a true comparison.

9.9 ◯ 0.99

5 Write >, <, or = to make a true comparison.

3.41 ◯ 3.41

6 Write >, <, or = to make a true comparison.

2.563 ◯ 2.573

7 Use the cost of each school supply. Do the pencils or the highlighters cost more?

Q22 continued

8 **Write a comparison statement for the cost of the pens and the pencils.**

9 **Which school supply is the most expensive? Which school supply is the least expensive? Explain how you know.**

Q23

Use strategies to add decimals Unit 4 Lesson 4

Learn (p.108)
Ex. 1–9 (p.109)

Learn

How can you determine the total cost of the helicopter ($17.31) and robot ($12.45)?

Use partial sums.

$17.31

$12.45

1 **What is the sum? Use partial sums to solve.**

2.57 + 8.4

2 **What is the sum? Use partial sums to solve.**

6.9 + 0.31

Q23 continued

3 **What is the sum? Use partial sums to solve.**

35.12 + 64.73

4 **What is the sum? Use partial sums to solve.**

70.34 + 21.52

5 **What is the sum? Use partial sums to solve.**

14.53 + 11.2

6 **What is the sum? Use partial sums to solve.**

104.75 + 21.9

7 **Mattis earns $22.50 shoveling snow. Later, he finds $0.82 in his backpack. How much money does he have now?**

8 **Josh's suitcase weighs 13.4 pounds. Karen's suitcase weighs 21.63 pounds. What is the total weight of the two suitcases?**

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Q23 continued

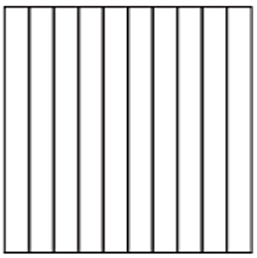
9 **Kim's goal was to run at least 10 miles this week to train for her cross-country race. On Tuesday she ran 3.57 miles, and on Wednesday she ran 6.48 miles. Did Kim reach her goal? Explain.**

Q23

Represent subtraction of decimals less than 1 containing hundredths
Unit 4 Lesson 5
Ex. 1–7 (p.113)

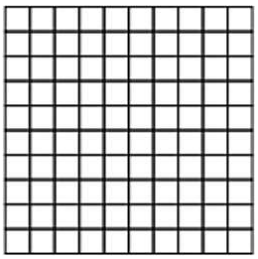
1 **What is the difference? Use the decimal grid to solve.**

0.7 – 0.1



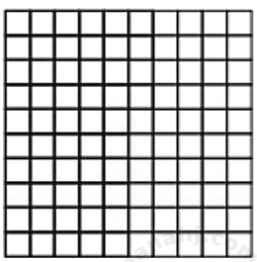
2 **What is the difference? Use the decimal grid to solve.**

0.09 – 0.02



3 **What is the difference? Use the decimal grid to solve.**

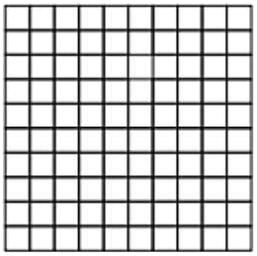
0.54 – 0.38



Q23 continued

4 **What is the difference? Use the decimal grid to solve.**

0.25 – 0.11



5 **What is the difference? Use a number line to solve.**

0.7 – 0.2

6 **What is the difference? Use a number line to solve.**

0.6 – 0.4

7 **Malik has $0.85. He bought a pencil for $0.50. Does he have enough money left to buy a folder for $0.30? Explain.**

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Q24

Explain how to estimate products of multi-digit factors Unit 5 Lesson 3

Learn (p.144)
Ex. 1–9 (p.145)

Learn

On Saturday, 432 people go to the theater. Each ticket costs $13. About how much money does the theater collect on Saturday?

1 Estimate the product.

$$643 \times 18$$

2 Estimate the product.

$$325 \times 62$$

3 Estimate the product.

$$438 \times 27$$

4 Estimate the product.

$$572 \times 49$$

Q24 continued

5 **On a school trip, 54 students went to a museum. Each ticket cost $23. About how much did all students spend on tickets?**

6 **The town library has 478 shelves. Each shelf holds 38 books. About how many books does the library have?**

7 **A vendor at a fair is selling her paintings for $23 each. Over the course of the fair, 339 people purchase her paintings. About how much did the vendor earn over the course of the fair?**

8 **The fifth graders sold 405 baked goods at the bake sale. About how much did the fifth graders earn?**

9 **Error Analysis Han estimates that the product of 492 and 32 will be 1,200. How do you respond to Han?**

Q24

Use partial products to help multiply multi-digit factors Unit 5 Lesson 5 Ex. 1–8 (p.153)

1 Find the unknown partial products. Then find the product.

$$\begin{array}{r} 325 \\ \times \quad 73 \\ \hline 21{,}000 \\ 1{,}400 \\ 350 \\ \square \\ \square \\ + \square \\ \hline \square \end{array}$$

2 Find the unknown partial products. Then find the product.

$$\begin{array}{r} 104 \\ \times \quad 28 \\ \hline 32 \\ 800 \\ \square \\ + \square \\ \hline \square \end{array}$$

3 What is the product? Use partial products to solve.

$$17 \times 86$$

4 What is the product? Use partial products to solve.

$$24 \times 129$$

5 What is the product? Use partial products to solve.

$$36 \times 93$$

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Q24 continued

6 **What is the product? Use partial products to solve.**

$$222 \times 58$$

7 **A sporting goods store sold 24 mountain bikes. How much money did they make selling bikes?**

8 **The store also sold 12 mountain bike and scooter packages each for $367. How much money did they make?**

Q25

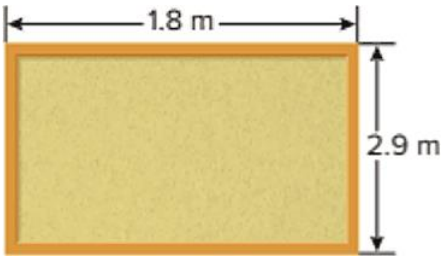
Use an area model to determine partial products Unit 6 Lesson 4

Learn (p.188)
Ex. 1–8 (p.189)

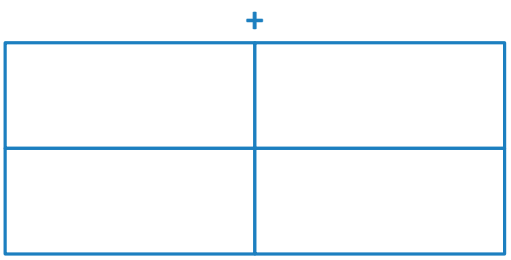
Learn

How can you find the area of the board? Use an area model.

$$1.8 \times 2.9 = A$$



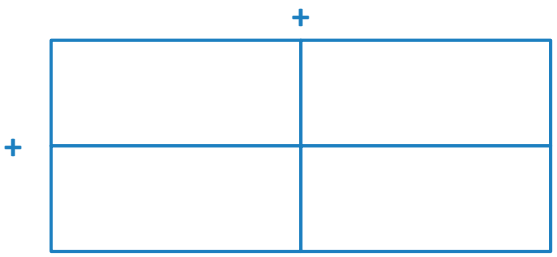
+



Q25 continued

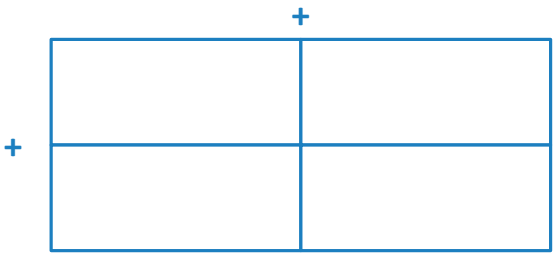
1 What is the product? Use an area model to solve.

$$32 \times 1.5$$



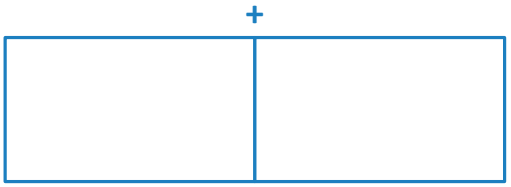
2 What is the product? Use an area model to solve.

$$14 \times 2.3$$



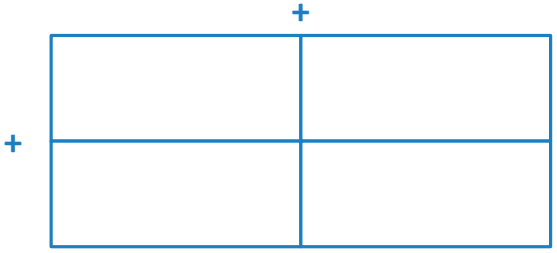
3 What is the product? Use an area model to solve.

$$7.1 \times 8$$



4 What is the product? Use an area model to solve.

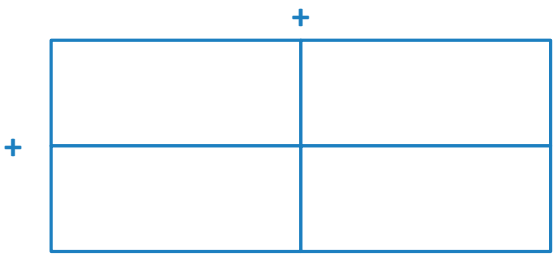
$$6.2 \times 1.5$$



Q25 continued

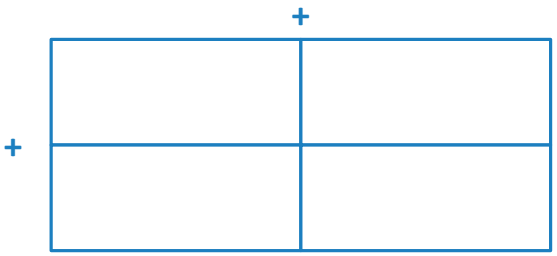
5 What is the product? Use an area model to solve.

$$9.6 \times 5.5$$

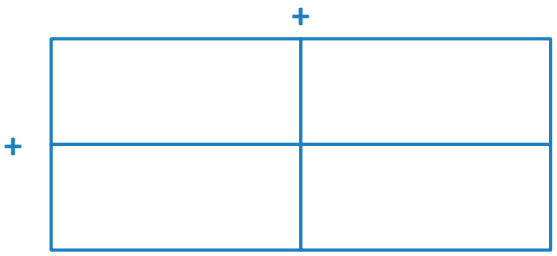


6 What is the product? Use an area model to solve.

$$1.9 \times 2.4$$



7 A tent repair shop charges $9.50 for every 1 meter of stitching repaired on a tent. Michael brings in his tent for repairs. It needs 1.2 meters of stitching. How much will the repairs cost him?



8 Error Analysis Evelyn used an area model to multiply 7.4 × 1.2 as shown. How do you respond to her work?

	1	+	2
7	7 × 1 = 7		7 × 2 = 14
+			
4	4 × 1 = 4		4 × 2 = 8

7 + 14 + 4 + 8 = 33

Q25

Use partial quotients to solve division problems, which sometimes include a remainder Unit 7 Lesson 6

Learn (p.228)
Ex. 1–5 (p.229)

Learn

Rahim will fill bags with tortillas. He has bags that hold 12 tortillas and bags that hold 16 tortillas. He has 276 tortillas. Which size bag should he use if he wants no tortillas left over?

1 What is the quotient?

$$754 \div 13$$

2 What is the quotient?

$$1{,}426 \div 46$$

3 What is the quotient?

$$975 \div 64$$

Q25 continued

4 What is the quotient?

$$2{,}246 \div 27$$

5 Error Analysis Is this division correct? If not, explain the error and find the correct quotient.

$$\begin{array}{r|l} 84\overline{)3{,}115} & \\ -2{,}520 & 30 \\ \hline 595 & \\ -504 & 6 \\ \hline 91 & 36 \end{array}$$

Answer Key

Q1	1 B 2 C 3 A 4 B 5 C 6 C 7 A
Q2	1 B 2 C 3 D 4 C 5 C 6 C 7 A
Q3	1 C 2 A 3 D 4 C 5 A 6 C 7 A
Q4	1 B 2 A 3 A 4 A 5 D 6 A 7 B 8 B
Q5	1 A 2 C 3 C 4 B 5 D 6 A 7 C 8 B 9 D 10 B 11 C 12 C
Q6	1 D 2 C 3 B 4 D 5 D 6 C 7 C 8 A 9 B 10 B
Q7	1 B 2 A 3 B 4 B 5 C 6 D 7 D 8 B 9 C
Q8	1 D 2 D 3 A 4 A 5 A 6 D 7 C 8 A 9 B 10 D
Q9	1 A 2 B 3 C 4 D 5 B 6 D 7 D 8 D 9 D 10 C 11 D
Q10	Learn B Learn B
Q11	1 B 2 C 3 A 4 B 5 B 6 C 7 C 8 A
Q12	1 D 2 A 3 A 4 C 5 B 6 B 7 B 8 A 9 A 10 A 11 C 12 C 13 B 14 C
Q13	1 D 2 A 3 A 4 C 5 D 6 C 7 B 8 B 9 C 10 B 11 C 12 C 13 C 14 A 15 B 16 B
Q14	1 D 2 C 3 A 4 D 5 A 6 C 7 D 8 D
Q15	1 B 2 A 3 B 4 A 5 B 6 D 7 A 8 D
Q16	1 B 2 B 3 C 4 B 5 C
Q17	1 C 2 C 3 A 4 D 5 A 6 D 7 D 8 C 9 A 10 D 11 C 12 D 13 B
Q18	1 C 2 C 3 A 4 B 5 C 6 A 7 D 8 D 9 C 10 A 11 C
Q19	1 C 2 A 3 A 4 C 5 D 6 B 7 B 8 A 9 B 10 C
Q20	1 C 2 A 3 B 4 D 5 C 6 A 7 B 8 C 9 A

Answer Key – Free Response

Q21

Learn) 24 + 12 = 36 cubic ft
1) Top prism: l = 7, h = 10, w = 10 (700 cubic in.). Bottom prism: l = 20, h = 8, w = 10 (1,600 cubic in.). V = 2,300 cubic in.
2) 14 cubic units
3) 32 cubic units
4) 32 cubic cm
5) 280 cubic m

Q22

Learn) The purple bag; 3.281 > 3.095
1) <
2) <
3) >
4) >
5) =
6) <
7) The highlighters; $1.90 > $1.47
8) $1.15 < $1.47 (pens cost less than pencils)
9) Most expensive: highlighters ($1.90). Least expensive: pens ($1.15). Compare the ones, then the tenths.

Q23

[Learn (p.108) + Ex. 1–9 (p.109)]
Learn) $29.76
1) 10.97
2) 7.21
3) 99.85
4) 91.86
5) 25.73
6) 126.65
7) $23.32
8) 35.03 pounds
9) Yes; 3.57 + 6.48 = 10.05 miles, and 10.05 > 10.

[Ex. 1–7 (p.113)]
1) 0.6
2) 0.07
3) 0.16
4) 0.14
5) 0.5
6) 0.2
7) Yes; $0.85 – $0.50 = $0.35, and $0.35 > $0.30.

Answer Key – Free Response

Q24

[Learn (p.144) + Ex. 1–9 (p.145)]
Learn) Between $4,300 (430 × 10) and $6,000 (400 × 15).
1) About 12,000 (600 × 20)
2) About 18,000 (300 × 60)
3) About 12,000 (400 × 30)
4) About 30,000 (600 × 50)
5) About $1,000 (50 × 20)
6) About 20,000 books (500 × 40)
7) About $6,000 (300 × 20)
8) About $4,000 (400 × 10), or about $4,800 (400 × 12)
9) Not reasonable; 500 × 30 = 15,000.
[Ex. 1–8 (p.153)]
1) 900; 60; 15; product = 23,725
2) 80; 2,000; product = 2,912
3) 1,462
4) 3,096
5) 3,348
6) 12,876
7) $5,976
8) $4,404

Q25

[Learn (p.188) + Ex. 1–8 (p.189)]
Learn) 2 + 0.9 + 1.6 + 0.72 = 5.22 square meters
1) 48
2) 32.2
3) 56.8
4) 9.3
5) 52.8
6) 4.56
7) $11.40
8) She treated 0.4 as 4 and 0.2 as 2. Correct: 7 + 1.4 + 0.4 + 0.08 = 8.88.
[Learn (p.228) + Ex. 1–5 (p.229)]
Learn) 12-tortilla bags; 276 ÷ 12 = 23 with no remainder (276 ÷ 16 = 17 R4).
1) 58
2) 31
3) 15 R15
4) 83 R5
5) Not correct; the remainder 91 is greater than 84. 84 × 37 = 3,108, so 3,115 ÷ 84 = 37 R7.

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