اختبار تجريبي هام وفق الهيكل الوزاري الجديد منهج ريفيل

EOT-1 Math Review

(Important Questions)

Grade 5_2025-26

Prepared By – Mr. Mukesh Shukla

Al Sadara School – C2 Alain

Principal – Mr. Adel Abdulla Alameri

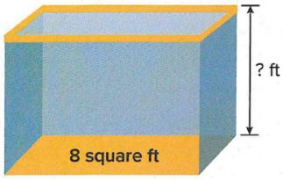
Academic Year العام الدراسي	2025/2026
Term الفصل	1
Subject المادة	Mathematics/Reveal الرياضيات/ريفيل
Grade الصف	5
Stream المسار	General العام

Number of MCQ عدد الأسئلة الموضوعية	20
Marks of MCQ درجة الأسئلة الموضوعية	(2-4)
Number of FRQ عدد الأسئلة المقالية	5
Marks per FRQ الدرجات للأسئلة المقالية	5-10
Type of All Questions نوع كافة الأسئلة	MCQ/ الأسئلة الموضوعية FRQ/ الأسئلة المقالية
Maximum Overall Grade الدرجة القصوى الممكنة	100
Exam Duration - مدة الامتحان	120 minutes
Mode of Implementation -طريقة التطبيق	Paper-Based
Calculator الآلة الحاسبة	Not Allowed غير مسموحة

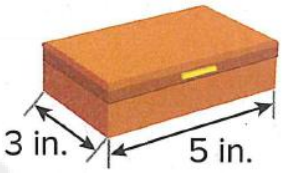
Part-1 Free Response Questions (FRQs-writing part)

Q.1 LO: Solve problems involving volume | Learn+worktogether+(1-4) | Page-52&53

Q. A fish tank has a volume of **24 cubic** feet. What is the **height** of the fish tank.

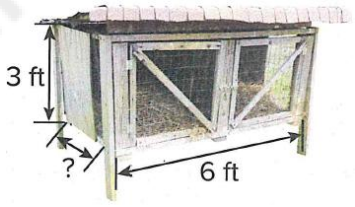


Q. A jewellery box has a **volume of 30** cubic inches. What is the **height** of the jewellery box? Show your work.



Q. A cargo container has a **volume of 108** cubic meters, a **height of 3** meters, and a **width of 2** meters. How long is the cargo container? Show your work.

Q. The volume of this rabbit hutch is **36 cubic feet**. What is the **width**? Show your work.



Q.2(a) LO: Read and write decimals to thousandths using standard form, expanded form and word form | (1-12) | Page-73

Q. What is the **word form** of the decimals?

(1) 8.2 (2) 8.02

(3) 0.82 (4) 0.082

Q. What is the **standard form** of the decimal?

(1) $0.9 + 0.03 + 0.007$

(2) $20 + 0.7 + 0.08 + 0.006$

(3) $5 + 0.01 + 0.009$

(4) $7 + \frac{4}{10} + \frac{5}{1000}$

Q. Write the **standard** and **expanded** form

(a) Ninety-three and six thousandths

(b) Three and eight hundred forty-six thousandths

(c) Two hundred twelve and fifteen thousandths

(d) Seven hundred fifty-one thousandths

Q.2(b) LO: Compare two decimals to the thousandths place using place value | Learn+worktogether+(1-9) | Page-76&77

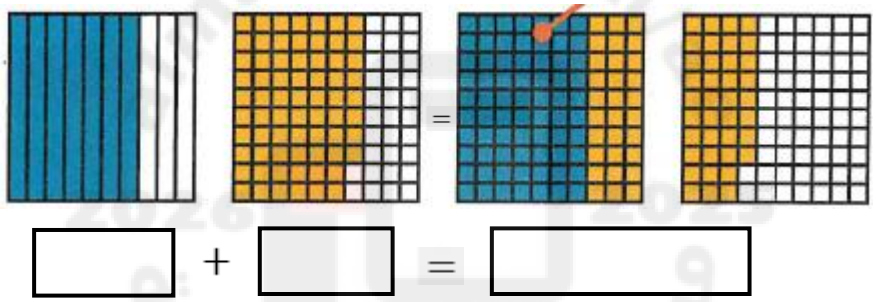
Q. **Compare** the weights of these bags?

Q. **Compare** the following decimal numbers-

1. 7.790 ◯ 8.7
2. 1.021 ◯ 1.095
3. 6.55 ◯ 5.66
4. 9.9 ◯ 0.99
5. 3.41 ◯ 3.41
6. 2.563 ◯ 2.573

Q.3(a) LO: Explain how to use various strategies to add decimals | Learn+worktogether+(1-8) | Page – 104&105

Q. Use **decimal grid** below to determine the **sum**?

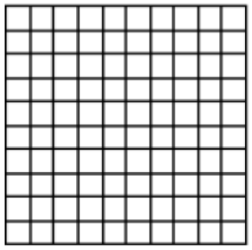


Q. What is the **total weight** of the chocolate bits and raisins ?

Ingredient	Weight (lb)
Chocolate bits	0.6
Raisins	0.59

Q. What is the **sum**? Use decimal grid to solve.

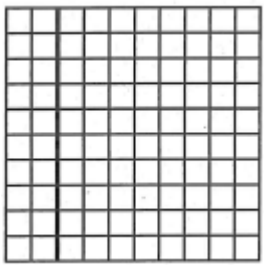
0.14 + 0.5 = _____



Q.3(b) LO: Represent Subtraction of decimals | Learn+worktogether+(1-7) | Page-112&113

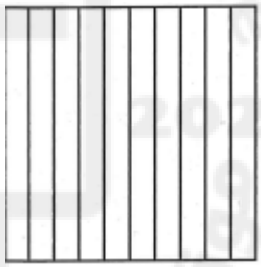
Q. What is the **difference**? Use the decimal grid to solve?

0.36 – 0.04 = _____



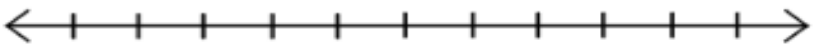
Q. What is the **difference**? Use the decimal grid to solve?

0.7 – 0.1 = _____



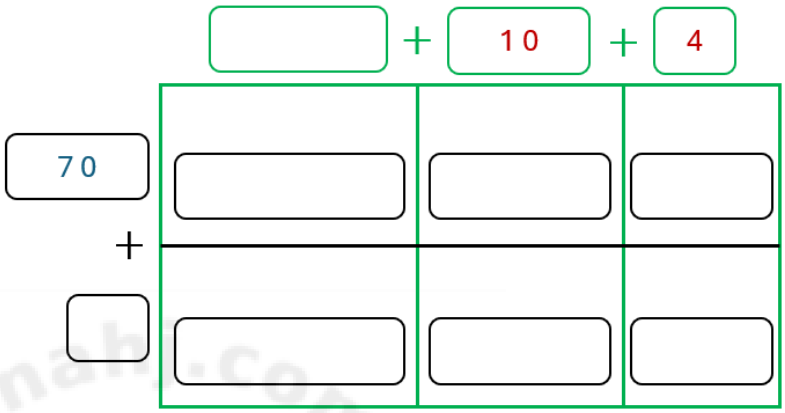
Q. What is the **difference**? Use a number line to solve?

0.4 – 0.2 = _____



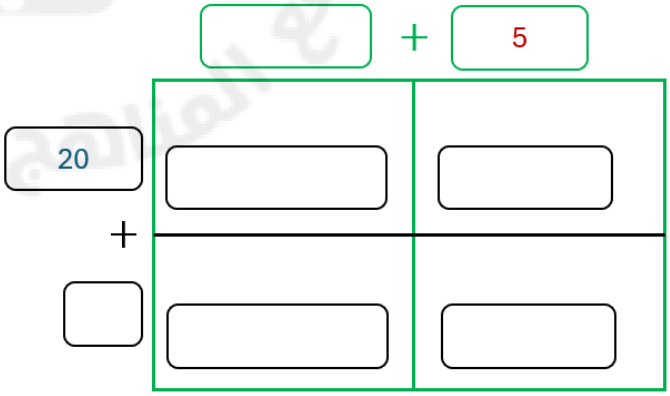
Q.4 LO: Use an area model and partial products to multiply multi-digit whole numbers | Learn+worktogether+(1-8) | Page – 148&149

Q. Fill in the **area model** and **use partial products** to find 72×114.



$72 \times 114 =$ _____

Q. Fill in the **area model** and **use partial products** to find 15×24.



$15 \times 24 =$ _____

Q.5(a) LO: Understand a variety of strategies to solve multiplication equations involving decimals | Learn+worktogether+(1-7) | Page-196&197

Q. Ahmed rides his bike **2.3 miles** to school each day. Jasem rides his bike **0.8 of** that distance. How far does Jasem ride his bike to school each day?

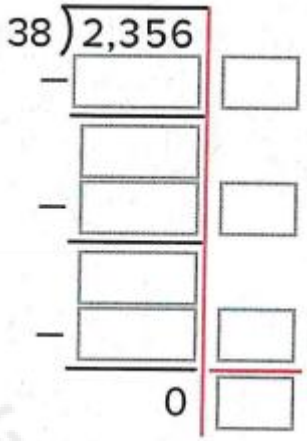
Q. Each bottle holds the same amount. How much water can these bottles hold?

Q. Alia cut these ribbons to the same length. How much ribbon did Alia use in all?

Q. Maha has a bag of apples. Each apple weighs 0.3 pound on average. There are 12 apples in her bag. What is the total weight of her apples? Use partial products to solve.

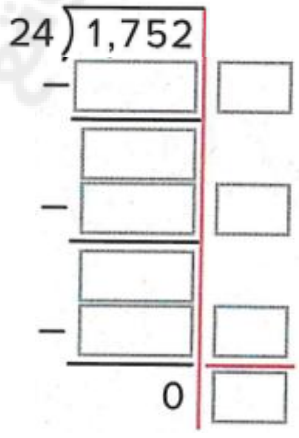
Q.5(b) LO: Record partial quotients using a strategy | Learn+worktogether+(1-5) | Page-224&225

Q. What is the quotient of $\mathbf{2356 \div 38}$? Use the **partial quotient** strategy to solve the problem.



$2356 \div 38 =$ _____

Q. What is the quotient of $\mathbf{1752 \div 24}$? Use the **partial quotient strategy** to solve the problem.

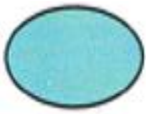


$1752 \div 24 =$ _____

Multiple Choice Questions (MCQs)

Q.6 LO: Describe volume as an attribute of solid figures | Learn+worktogether+(1-7) | Page-34&35

Q. Which of these figures has **volume**?

(a)  (b)  (c)  (d) 

Q. For which situation would you **measure the volume**?

(a) The distance of a bike ride

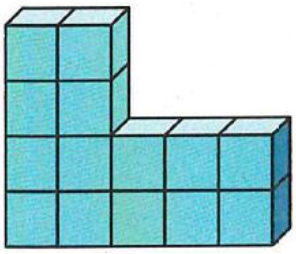
(b) The amount of wall space covered by a poster

(c) The space inside a moving truck

(d) The amount of floor space covered by a carpet.

Q.7 LO: Find the volume of composite figures | (1-5) | Page-49

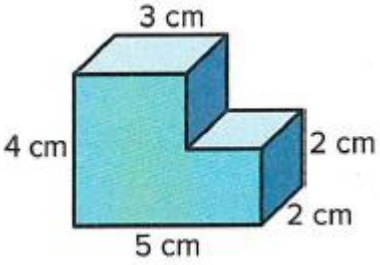
Q. What is the **volume** of the figure?



(a) 14 *cubic units* (b) 16 *cubic units*

(c) 18 *cubic units* (d) 20 *cubic units*

Q. What is the **volume** of the figure?

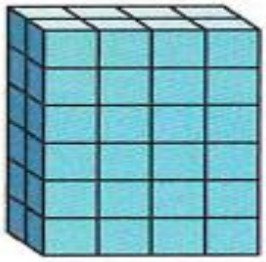


(a) 16 *cubic units* (b) 18 *cubic units*

(c) 32 *cubic units* (d) 24 *cubic units*

Q.8 LO: Find the volume of rectangular prism using formulas | (1-7)&11,12 | Page-43&57

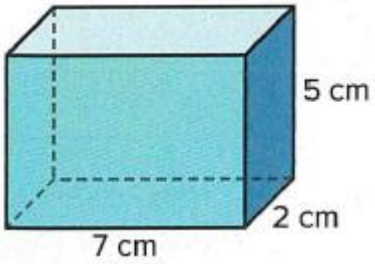
Q. What is the **volume** of the figure?



(a) $10\ cubic\ units$ (b) $48\ cubic\ units$

(c) $14\ cubic\ units$ (d) $24\ cubic\ units$

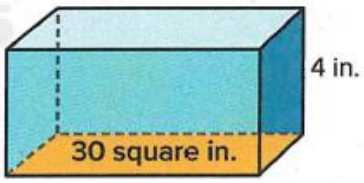
Q. What is the **volume** of the figure?



(a) $70\ cubic\ units$ (b) $17\ cubic\ units$

(c) $14\ cubic\ units$ (d) $19\ cubic\ units$

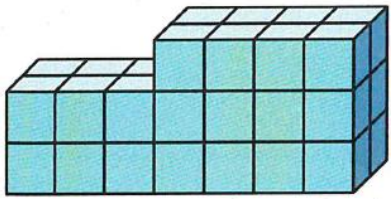
Q. What is the **volume** of the figure?



(a) $34\ cubic\ units$ (b) $50\ cubic\ units$

(c) $60\ cubic\ units$ (d) $120\ cubic\ units$

Q. What is the **volume** of the figure?



(a) $32\ cubic\ units$ (b) $38\ cubic\ units$

(c) $34\ cubic\ units$ (d) $36\ cubic\ units$

Q.9 LO: Extend place value to decimal | (1-10) | Page-69&70

Q. Which of the following statement is **true**?

(a) 0.009 is ten times 0.09
(b) 0.09 is ten times 0.009
(c) 0.09 is $\frac{1}{10}$ of 0.009
(d) 9 is $\frac{1}{10}$ of 0.9

Q. Which of the following statement is **true**?

(a) 0.003 is $\frac{1}{10}$ of 0.03
(b) 0.03 is $\frac{1}{10}$ of 0.003
(c) 0.3 is ten times 0.003
(d) 3 is ten times 0.03

Q.10 LO: Read and write decimals to thousandths using standard form, expanded form and word form | (1-12) | Page-73

Q. Which is the correct **word form** of **0.082**?

(a) Eighty-two hundredths

(b) Eight and two hundredths

(c) Eighty- two thousandths

(d) Eight and two thousandths.

Q. Which is the correct **word form** for **12.015?**

(a) Twelve and fifteen hundredths

(b) Twelve and one five hundredths

(c) Twelve and fifteen thousandths

(d) Twelve and one five thousandths

Q. What is the **expanded** form of **93.006?**

(a) $90 + 3 + \frac{6}{1000}$

(b) $90 + 3 + \frac{6}{100}$

(c) $900 + 30 + \frac{6}{1000}$

(d) $900 + 30 + \frac{6}{100}$

Q. What is the **expanded** form of **25.304?**

(a) $20 + 5 + \frac{3}{100} + \frac{4}{1000}$

(b) $20 + 5 + \frac{3}{10} + \frac{4}{1000}$

(c) $200 + 50 + \frac{3}{10} + \frac{4}{1000}$

(d) $200 + 50 + \frac{3}{100} + \frac{4}{1000}$

Q.11 LO: Use rounding strategies to rounding decimals | (1-11) | Page-83

Q. **Round** the following decimal numbers to **nearest whole number**?

1. 78.39
2. 4.07
3. 12.7
4. 15.55

Q. **Round** the following decimal numbers to **nearest tenth**?

1. 42.89
2. 3.65
3. 16.12
4. 98.17

Q. Round the mass of the dog to the nearest whole number?

22.8 kg

(a) $21\ kg$ (b) $22\ kg$

(c) $23\ kg$ (d) $24\ kg$

Q.12 LO: Estimate sums and differences of decimals | Learn+worktogether+(1-9) | Page-94&95

Q. Use **rounding** to **estimate** the difference **86.74 - 82.98** ?

(a) $87 - 82 = 5$ (b) $86 - 83 = 3$

(c) $87 - 83 = 4$ (d) $86 - 82 = 4$

Q. Use **rounding** to **estimate** the sum **8.25 + 3.62** ?

(a) $8 + 3 = 11$ (b) $8 + 4 = 12$

(c) $9 + 3 = 12$ (d) $9 + 4 = 13$

Q. Use **rounding** to **estimate** the difference **16.28 – 5.9** ?

(a) $16 - 6 = 10$ (b) $16 - 5 = 11$

(c) $17 - 5 = 12$ (d) $17 - 6 = 11$

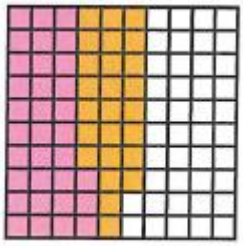
Q.13 LO: Represent addition of decimals using decimal grids | Learn+worktogether +(1-7) | Page-100&101

Q. What **equation** is shown by the **decimal grid**?

(a) 0.2 + 0.5 = 0.7 (b) 0.2 + 0.3 = 0.5

(c) 0.3 + 0.5 = 0.8 (d) 0.3 + 0.6 = 0.9

Q. What **equation** is shown by the **decimal grid**?



(a) 0.39 + 0.17 = 0.56 (b) 0.31 + 0.35 = 0.66

(c) 0.31 + 0.37 = 0.68 (d) 0.33 + 0.25 = 0.58

Q.14 LO: Use strategies to add decimal | Learn+(1-9) | Page-108&109

Q. **Add** 17.31 + 12.45 ?

(a) 29.76 (b) 28.56

(c) 39.74 (d) 38.56

Q. **Add**

$2.57 + 8.4$

$= 2 + 0.5 + 0.07 + 8 + 0.4$

$=$ _____

(a) 10.61 (b) 11.97

(c) 10.97 (d) 11.61

Q. **Add**

$6.9 + 0.31$

$= 6 + 0.9 + 0.3 + 0.01$

$=$ _____

(a) 6.40 (b) 7.21

(c) 6.13 (d) 7.61

Q. Which of the following way is **correct way** to find **26.34 + 12.53**?

(a) 2 + 1 + 6 + 2 + 3 + 5 + 4 + 3

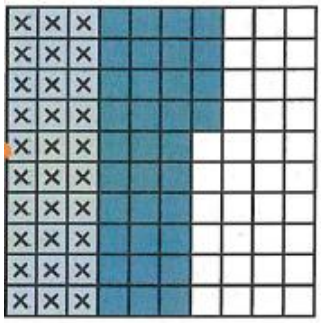
(b) 2 + 1 + 6 + 2 + 0.3 + 0.5 + 0.4 + 0.3

(c) 20 + 10 + 6 + 2 + 0.3 + 0.5 + 0.04 + 0.03

(d) 20 + 10 + 6 + 2 + 3 + 5 + 4 + 3

Q.15 LO: Represent subtraction of tenths and hundredths | Learn+worktogether+(1-8) | Page-116&117

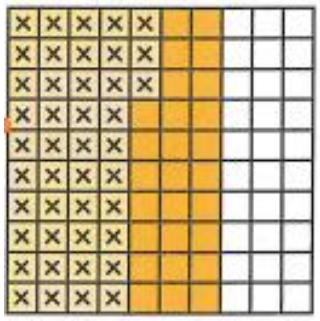
Q. What **equation** is shown by the **decimal grid**?



(a) 0.64 – 0.3 = 0.34 (b) 0.34 – 0.3 = 0.04

(c) 0.64 – 0.3 = 0.61 (d) 0.34 – 0.3 = 0.31

Q. What **equation** is shown by the **decimal grid**?.



(a) 0.7 – 0.27 = 0.20 (b) 0.7 – 0.43 = 0.27

(c) 0.7 – 0.27 = 0.43 (d) 0.7 – 0.43 = 0.36

Q.16 LO: Strategies TO subtract decimals | Learn+(1-6) | Page-120&121

Q. Subtract 23.89 - 19.29 ?

(a) 16.60 (b) 4.60

(c) 5.40 (d) 14.40

Q. Subtract $8.57 - 2.4 =$ _____

(a) 6.53 (b) 5.17

(c) 5.53 (d) 6.17

Q. Subtract $7.73 - 5.1 =$ _____

(a) 12.63 (b) 2.72

(c) 2.63 (d) 12.72

Q.17 LO: Understand powers and exponents | Learn+(1-13) | Page-136&137

Q. Which expression or value is equivalent to $\mathbf{10^5}$?

(a) 10,000 (b) 10 x 5

(c) 10 x 10 x 10 x 10 x 10 (d) 10 + 10 + 10 + 10 + 10

Q. Write the **exponential** form of **10 x 10 x 10** ?

(a) 10^6 (b) 10^5

(c) 10^4 (d) 10^3

Q.18 LO: Determine the products of numbers multiplied by powers of 10 written with exponents | (1-13) | Page - 141

Q. What is the **product** of $\mathbf{23 \times 10^3}$**?**

(a) 23,000 (b) 2,300

(c) 230,000 (d) 230

Q. What is the **product** of $\mathbf{60 \times 10^4}$?

(a) 60,000 (b) 6,000

(c) 600,000 (d) 600

Q. What is the **unknown factor**

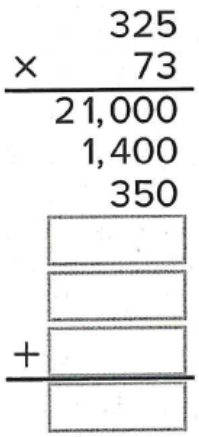
$28 \times \_\_\_\_\_ = 280{,}000$?

(a) 1,000 (b) 100

(c) 10,000 (d) 100,000

Q.19 LO: Use partial products to multiply multi-digit factors | Learn+(1-8) | Page-152&153

Q. Find the **unknown partial products**. Then find the **product?**

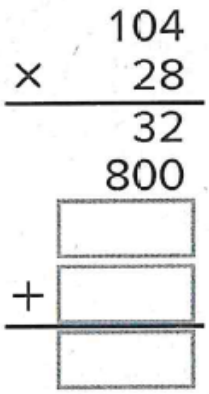


(a) 23,725 (b) 25,375

(c) 22,735 (d) 24,325

.

Q. Find the **unknown partial products**. Then find the **product?**



(a) 2,812 (b) 2,942

(c) 2,912 (d) 2,712

Q.20 LO: Estimate products of multi-digit factors | Learn+(1-9) | Page-144&145

Q. **Estimate** the following products?

1. 643 × 18
2. 325 × 62
3. 438 × 27
4. 572 × 49

Q. **Estimate** 432 x 13?

(a) 430 (b) 8,000

(c) 10,000 (d) 4000

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

(a) 550 (b) 1,000

(c) 3,000 (d) 5,000

Q.21 LO: Patterns when multiplying decimals by powers of 10 | (1-7) | Page-175

Q. Find the **value** of the followings?

1. 3.6×10^2
2. 7.2×10^3
3. 4.8×10^4
4. 1.9×10^2

Q. Abdulla rides the train to visit his grandmother. He lives $\mathbf{1.2 \times 10^2}$ miles away from his grandmother. How many miles does he travel?

(a) 12 (b) 1,200

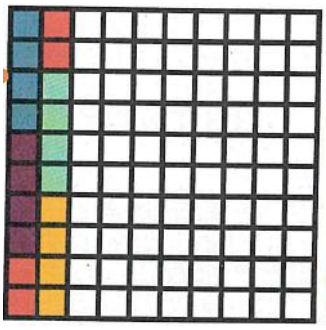
(c) 120 (d) 12,000

Q.22 LO: Use decimal grid to help represent and solve multiplication equation involving decimals | Learn+(1-4) | Page – 182&183

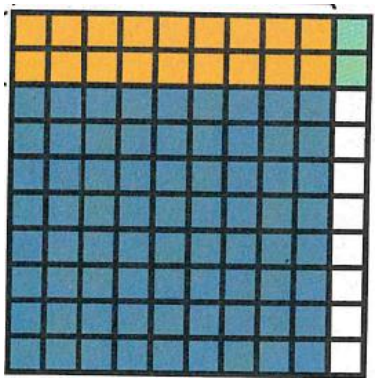
Q. Which of the following **equation** is represented by this **decimal grid?**

(a) 5 x 0.04 = 0.20 (b) 5 x 4 = 20

(c) 6 x 0.04 = 0.24 (d) 6 x 4 = 24



Q. Which of the following **equation** is represented by this **decimal grid?**



(a) 0.8 x 0.9 = 0.72

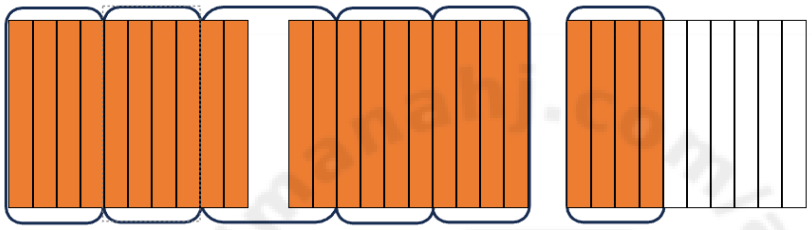
(b) 0.2 x 0.9 = 0.18

(c) 0.2 x 0.8 = 0.16

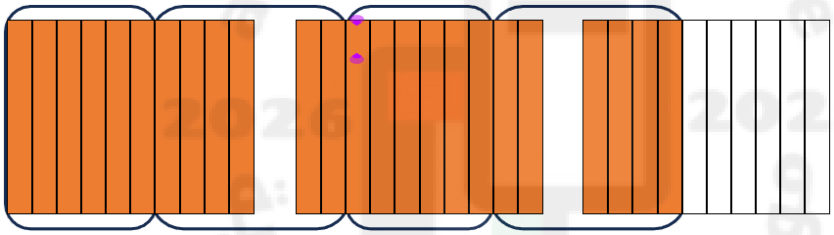
(d) 2 x 9 = 18

Q. Which of the following **representation is true** for **6 x 0.4**?

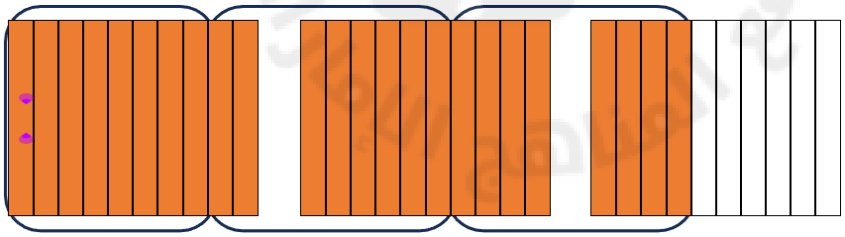
(a)



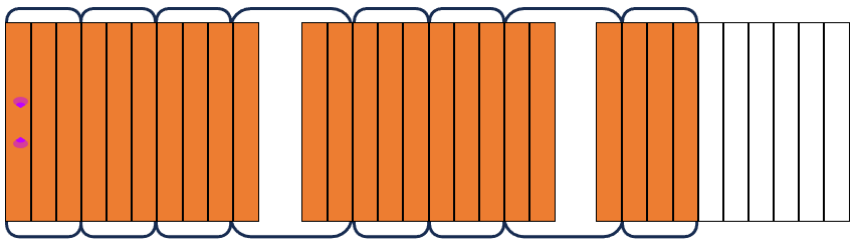
(b)



(c)



(d)



Q.23 LO: Use an area model to multiply decimals | Learn+(1-8) | Page-188 & 189b

Q. Which **equation** is shown by this **area model**?

(a) 2.9 x 1.8 = 1.89 (b) 2.9 x 1.8 = 5.22

(c) 2.9 x 1.8 = 2.62 (d) 2.9 x 1.8 = 3.87

	2	+	0.9
1	$2 \times 1 = 2$		$0.9 \times 1 = 0.9$
+			
0.8	$2 \times 0.8 = 1.6$		$0.9 \times 0.8 = 0.72$

Q. Which **equation** is shown by this **area model**?

(a) 12 x 3.4 = 36.48 (b) 12 x 3.4 = 37.2

(c) 12 x 3.4 = 40.8 (d) 12 x 3.4 = 48

	3	+	0.4
10	$10 \times 3 = 30$		$10 \times 0.4 = 4$
+			
2	$2 \times 3 = 6$		$2 \times 0.4 = 0.8$

Q.24 LO: Generalizations about multiplying decimals | (1-11) | Page - 193

Q. Find the **missing product?**

$$45 \times 17 = 765$$

$$45 \times 1.7 = \_\_\_\_\_$$

(a) 76.5 (b) 7.65

(c) 0.765 (d) 765

Q. Find the **missing product?**

$$32 \times 1.4 = 44.8$$

$$3.2 \times 1.4 = \_\_\_\_\_$$

(a) 44.8 (b) 4.48

(c) 448 (d) 0.448

Q. Find the **missing product?**

$$19 \times 42 = 798$$

$$1.9 \times 4.2 = \_\_\_\_\_$$

(a) 0.798 (b) 79.8

(c) 798 (d) 7.98

Q.25 LO: Division patterns with multi-digit numbers | Learn+(1-10) | Page – 208& 209

Q. Solve

3. $20{,}000 \div 40 =$ _____ 4. $15{,}000 \div 30 =$ _____

5. $18{,}000 \div 60 =$ _____ 6. $16{,}000 \div 80 =$ _____

7. $8{,}000 \div 40 =$ _____ 8. $25{,}000 \div 50 =$ _____

9. $32{,}000 \div 80 =$ _____ 10. $9{,}000 \div 30 =$ _____

Q. What is the **quotient** $\mathbf{12{,}000 \div 40}$?

(a) 30 (b) 3

(c) 3,000 (d) 300

End of Review