

تجميعية أسئلة وفق الهيكل الوزاري الجديد منهج ريفيل



تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ← المناهج الإماراتية ← الصف السادس ← رياضيات ← الفصل الأول ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 2025-10-29 15:40:10

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المزيد من مادة
رياضيات:

إعداد: Gamal Sara

التواصل الاجتماعي بحسب الصف السادس



صفحة المناهج
الإماراتية على
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

المزيد من الملفات بحسب الصف السادس والمادة رياضيات في الفصل الأول

تجميعية أسئلة صفحات الكتاب وفق الهيكل الوزاري الجديد منهج بريدج

1

نموذج إجابة تجميعية شاملة وفق كامل الهيكل الوزاري منهج ريفيل

2

تجميعية شاملة وفق كامل الهيكل الوزاري منهج ريفيل بدون الحل

3

نموذج إجابة تجميعية شاملة وفق كامل الهيكل الوزاري منهج بريدج

4

تجميعية شاملة وفق كامل الهيكل الوزاري منهج بريدج بدون الحل

5



الإمارات العربية المتحدة
وزارة التربية والتعليم



ADVANCED EOT1-2026- COVERAGE REVEAL



Part 1	Type Of Questions	MCQ
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Q1	Show a ratio relationship between two quantities using tables of equivalent ratios and double number	(1-7) & 9	Page 21&22
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Use any strategy to solve each problem.

- Jayden's snow cone machine makes 3 snow cones from 0.5 pound of ice. How many snow cones can be made with 5 pounds of ice? (E)
- Nyoko is having a pizza party. Two large pizzas serve 9 people. How many large pizzas should she order to serve 36 guests at the party?
- The world record for the most number of speed skips in 60 seconds is 332 skips. If the record holder skipped at a constant ratio of seconds to skips, how many skips did she make in 15 seconds?
- A recipe for homemade clay calls for 6 cups of water for every 12 cups of flour. How many cups of water are needed when 4 cups of flour are used?
- Adrian decorated 16 cupcakes in 28 minutes. If he continues at this pace, how many minutes will it take him to decorate 56 cupcakes?
- A comic book store is having a sale. You can buy 20 comic books for \$35. What is the cost of 8 comic books during the sale?

7. A certain store is selling packages of 10 pencils and 4 pens for back to school. The store manager wants to make a larger package in the same ratio. If the large package has 10 pens, how many pencils are in the large package? (Example 4)

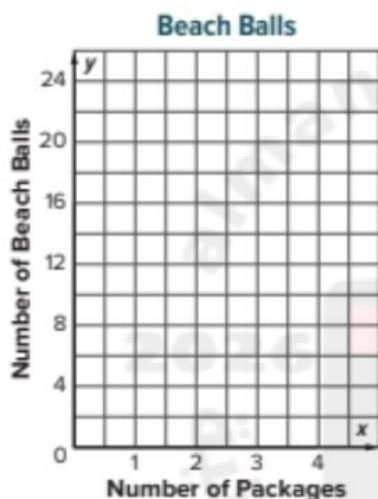
Apply

9. The table shows the items in a family chicken taster meal at a restaurant. The restaurant wants to create a larger meal to accommodate larger groups of people. They also want to limit the number of chicken tenders to 15. If the ratio remains the same, how many biscuits are in the larger meal?

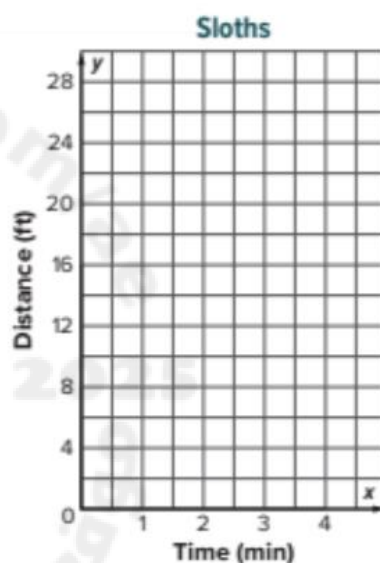
Family Taster Meal
4 chicken sliders
6 chicken tenders
8 biscuits
1 pint of cole slaw

you
can
do it 😊

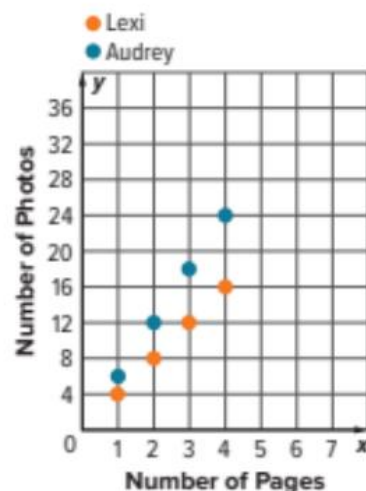
1. Lulah is buying beach balls for her beach themed party. Each package contains 6 beach balls. Generate the set of ordered pairs for the ratio relationship between the number of beach balls y and the number of packages x for a total of 1, 2, 3, and 4 packages. Then graph the relationship on the coordinate plane and describe the pattern in the graph. (Examples 1 and 2)



2. A sloth travels about 7 feet every minute. Generate the set of ordered pairs for the ratio relationship between the total distance traveled y and the number of minutes x for a total of 1, 2, 3, and 4 minutes. Then graph the relationship on the coordinate plane and describe the pattern in the graph. (Examples 1 and 2)



3. Two friends are making scrapbooks. The number of photos Lexi and Audrey place on each page of their scrapbooks is shown in the graph. Describe the ratio relationship for each person.



Q3

Represent a collection of equivalent ratios as ordered pairs.

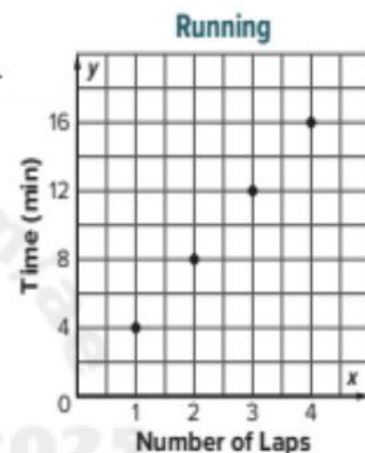
(4-8)

Page 28

Test Practice

4. **Multiselect** Lacy is running laps around the track. The time in minutes and the number of laps ran are shown in the graph. Which of the following is true about the ratio relationship shown in the graph?

- ☐ Every 4 minutes, Lacy ran 1 lap.
- ☐ Lacy ran 8 laps in 2 minutes.
- ☐ It took Lacy 1 minute to run 4 laps.
- ☐ In 16 minutes, Lacy completed 4 laps.
- ☐ Based on the relationship, it would take Lacy 20 minutes to complete 5 laps.



5. **MP Identify Structure** There are 4 quarters for every one dollar and 10 dimes for every dollar. Without graphing, would the ratio of quarters to dollars or dimes to dollars appear to have a steeper line? Explain your reasoning.
6. What are the advantages of graphing when solving problems that involve ratios?

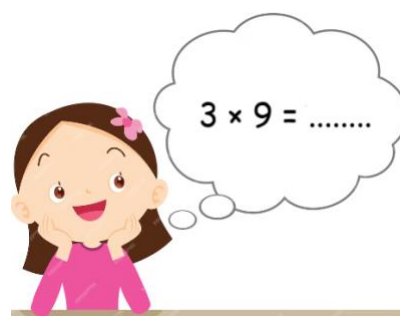
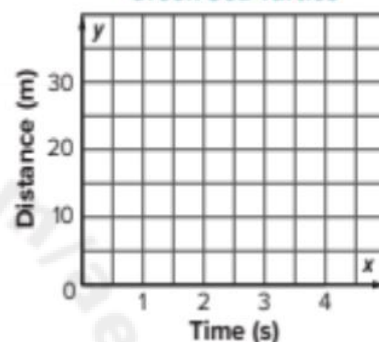
7. **MP Reason Abstractly** The table gives the number of beads needed to make bracelets of certain lengths. Suppose you graph the ordered pairs (bracelet length, number of beads) on the coordinate plane. Would the point (10.5, 42) make sense in this context? Explain.

Bracelet Length (in.)	7	8	9	10
Number of Beads	28	32	36	40

8. **Multiple Relationships** For every second, the average green sea turtle can swim 9 meters. Represent how far a green sea turtle can swim in 1, 2, 3 and 4 seconds in a table. Then graph the points on a coordinate plane.

Time (s)				
Distance (m)				

Green Sea Turtles



Learn Use Tables to Compare Ratio Relationships

Another way to compare ratio relationships is to use tables.

For example, a comparison of three smoothie recipes shows that Recipe A has a blueberry to strawberry ratio of 8 to 2, Recipe B has a ratio of 5 to 1, and Recipe C has a ratio of 10 to 3. You can use tables of equivalent ratios to determine which recipe has the greatest ratio of blueberries to strawberries.

Recipe A

Blueberries	8	16	24
Strawberries	2	4	6

Recipe B

Blueberries	5	10	15	20	25	30
Strawberries	1	2	3	4	5	6

Recipe C

Blueberries	10	20	30
Strawberries	3	6	9

Use scaling to write equivalent ratios for each recipe. You can compare the ratios when one of the quantities in each relationship is the same.

Recipe B has a ratio of 30 blueberries for every 6 strawberries, followed by Recipe A with a ratio of 24 to 6, and Recipe C with a ratio of 20 to 6. So, Recipe B has the greatest ratio of blueberries to strawberries.

Example 2 Use Tables to Compare Ratio Relationships

Roman is considering different bird seeds to fill his bird feeder.

Measured in ounces, Recipe A has a sunflower seed to peanut ratio of 2 to 3, Recipe B has a ratio of 3 to 4, and Recipe C has a ratio of 5 to 6.

Which recipe has the greatest ratio of ounces of sunflower seeds to ounces of peanuts?

Step 1 Create a ratio table for each recipe. Find equivalent ratios to compare the relationships.

Recipe A

Sunflower Seeds (oz)	2			
Peanuts (oz)	3			

Recipe B

Sunflower Seeds (oz)	3			
Peanuts (oz)	4			

Recipe C

Sunflower Seeds (oz)	5			
Peanuts (oz)	6			

Step 2 Determine the recipe with the greatest ratio of sunflower seeds to peanuts.

Recipe A: 8 : 12 **Recipe B:** 9 : 12 **Recipe C:** 10 : 12

Because 10 is greater than 9 and 8, the recipe with the greatest ratio of sunflower seeds to peanuts is Recipe _____.

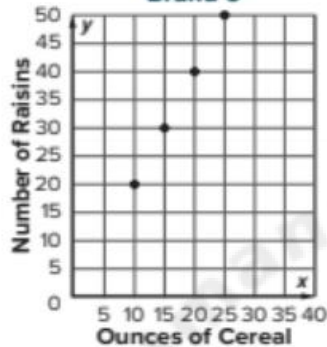
Q5	Compare ratio relationships that are shown using different representations.	1-3	Page 35
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1. Cereal Brand A advertises that they have 60 raisins in their 24-ounce box of cereal. The advertised ratio of raisins to ounces for two other cereal brands are shown in the table and graph. Which brand advertises the greatest ratio of raisins to ounces of cereal? Justify your response. (Example 1)

Brand B

Ounces of Cereal	6	12	20	24
Raisins	18	36	60	72

Brand C



2. At the gym, Alex spends 24 minutes doing resistance training for every 30 minutes spent doing cardio exercises, Carisa spends 15 minutes on resistance for every 20 minutes on cardio, and Manuel spends 14 minutes on resistance for every 15 minutes on cardio. Which person has the greatest ratio of minutes spent on resistance to minutes spent on cardio? (Example 2)

Alex

Resistance (min)			
Cardio (min)			

Carisa

Resistance (min)			
Cardio (min)			

Manuel

Resistance (min)			
Cardio (min)			

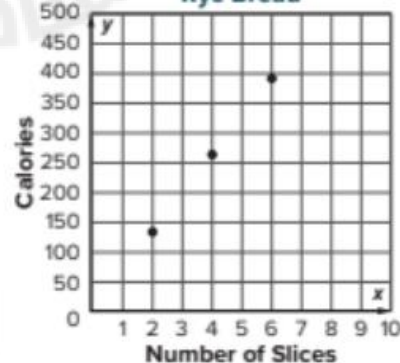
Test Practice

3. **Open Response** Mrs. Quinto is comparing the Calories in different types of bread. Wheat bread has 150 Calories for every 2 slices. The Calories in two other types of bread are shown in the table and graph. Which bread has the greatest ratio of Calories to slices?

White Bread

Slices	Calories
2	160
4	320
6	480

Rye Bread



Q6 Solve real-world problems involving ratio relationships by

1-8

Page 45

	using bar diagrams, double number lines, and equivalent ratios.		
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Use any strategy to solve each problem. (Examples 1–3)

1. A survey showed that 4 out of 5 students own a bicycle. Based on this result, how many of the 800 students in a school own a bicycle?
2. A survey of Mr. Thorne's class shows that 5 out of 8 students will buy lunch today. Based on this result, how many of the 720 students in the school will buy today?
3. The ratio of the number of baskets made by Tony to the number of baskets made by Colin is 2 to 3. Tony made 10 baskets. How many baskets did Colin make?
4. In the school choir, there is 1 boy for every 4 girls. There are a total of 11 boys. How many girls are in the choir?

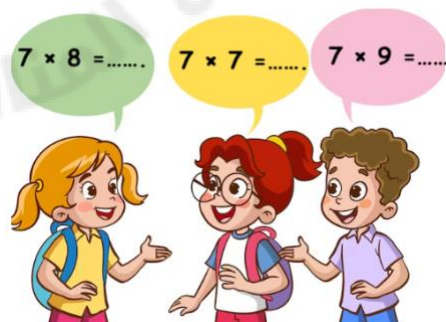
5. Liberty Middle School has 600 students. In Anna's class, 3 out of 8 students walk to school. How many students at the school can be expected to walk to school?

6. Pine Hill Middle School has 300 students. In Zoey's class, 2 out of 5 students belong to a club. How many students at the school would you expect belong to a club?

Test Practice

7. In a survey, the ratio of students who prefer popcorn to potato chips is 3 to 4. If the number of students surveyed who prefer popcorn is 360, how many preferred potato chips?

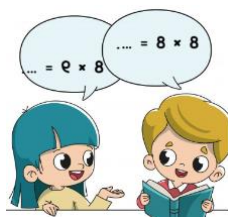
8. **Open Response** In a neighborhood, the ratio of houses with swing sets to houses without swing sets is 3 to 5. If the number of houses with swing sets is 270, how many houses do not have swing sets?



Q7	Use ratio reasoning to convert between customary units of measurement	(1-4)	Page 55
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Use any strategy to solve each problem. (Examples 1 and 2)

- Mrs. Menary made $4\frac{1}{2}$ quarts of lemonade for a school party. How many fluid ounces of lemonade did she make?
- A class walked 2.5 miles for a walk-a-thon. How many yards did the class walk?
- The Martinez family has $\frac{3}{4}$ gallon of orange juice in the refrigerator. How many cups of orange juice are in the refrigerator?
- A grand piano can weigh $\frac{1}{2}$ ton. How many ounces can a grand piano weigh?



Q8	Use ratio reasoning to convert between customary units of measurement.	5-8	Page 55
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5. A female hippopotamus can weigh 48,000 ounces. How many tons can a female hippopotamus weigh?

6. At soccer practice, Tracey's best kick traveled a distance of 1,200 inches. For how many yards did she kick the ball?

7. An elephant can drink up to 6,400 fluid ounces of water a day. How many gallons of water can an elephant drink per day?

8. A recipe for ice cream calls for 56 fluid ounces of milk. How many pints of milk are there in the recipe?



Q9

Understand how a rate is related to a ratio and Use ratio and rate reasoning to find a unit rate

1-8

Page 63

Use any strategy to solve each problem.

1. A hippopotamus can run 6 kilometers in 15 minutes. At this rate, how far can the hippopotamus run in 1 minute?
2. Imena earned \$261 last week. If she worked 18 hours and earned the same amount each hour, how much was she paid per hour?
3. A cat's heart beats approximately 45 times in 15 seconds. At this rate how many times does the cat's heart beat per second?
4. Mr. Farley used 4 pounds of hamburger to make 10 hamburger patties of the same size. How many pounds of hamburger did he use per patty?
5. At the school festival, Heather can buy 25 game tickets for \$10, or she can pay \$0.50 per game ticket. Which option has the lesser price per ticket?
6. At a toy store, Colton can buy a package of 6 mini footballs for \$7.50, or a package of 8 mini footballs for \$9.60. Which option has the lesser price per mini football?

Q9**Understand how a rate is related to a ratio and Use ratio and rate reasoning to find a unit rate****(1–8)****Page 63****Test Practice**

7. The table shows the options Zoe's mother has for buying tickets to an adventure day camp for Zoe and 5 of her friends. Which option has the lesser cost per student ticket? (Example 2)

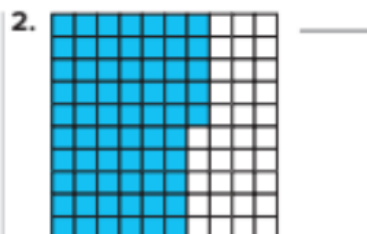
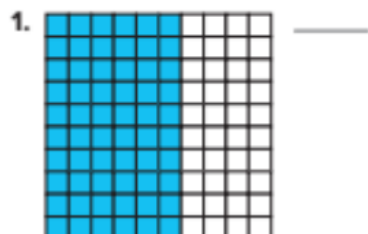
Adventure Camp Tickets	
Option	Cost (\$)
6-pack of Student Tickets	126.00
Individual Student Ticket	21.50

8. **Multiple Choice** Which of the following offers the least price per ounce of shampoo?

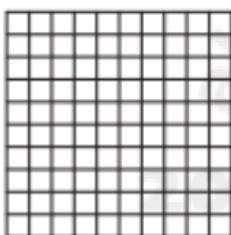
- (A) \$6 for 8 ounces of shampoo
- (B) \$4 for 5 ounces of shampoo
- (C) \$8 for 12 ounces of shampoo
- (D) \$12 for 16 ounces of shampoo



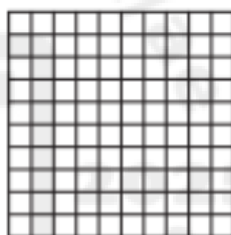
For Exercises 1 and 2, identify the percent represented by each 10×10 grid. (Example 1)



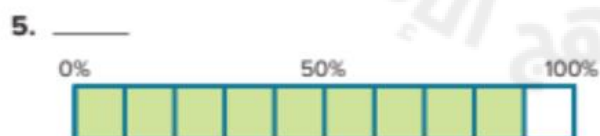
3. In a school survey, 12% of the students surveyed said they like camping. Shade the 10×10 grid to model 12%. (Example 2)



4. Of the students in the lunch line, 9% said they were buying strawberry milk. Shade the 10×10 grid to model 9%. (Example 2)



For Exercises 5 and 6, identify the percent represented by each bar diagram. (Example 3)

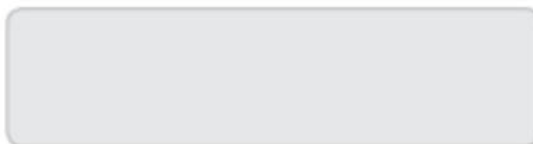


7. Shade the bar diagram to model 25%. (Example 4)



Test Practice

8. **Open Response** How can you use a bar diagram to model 45%?



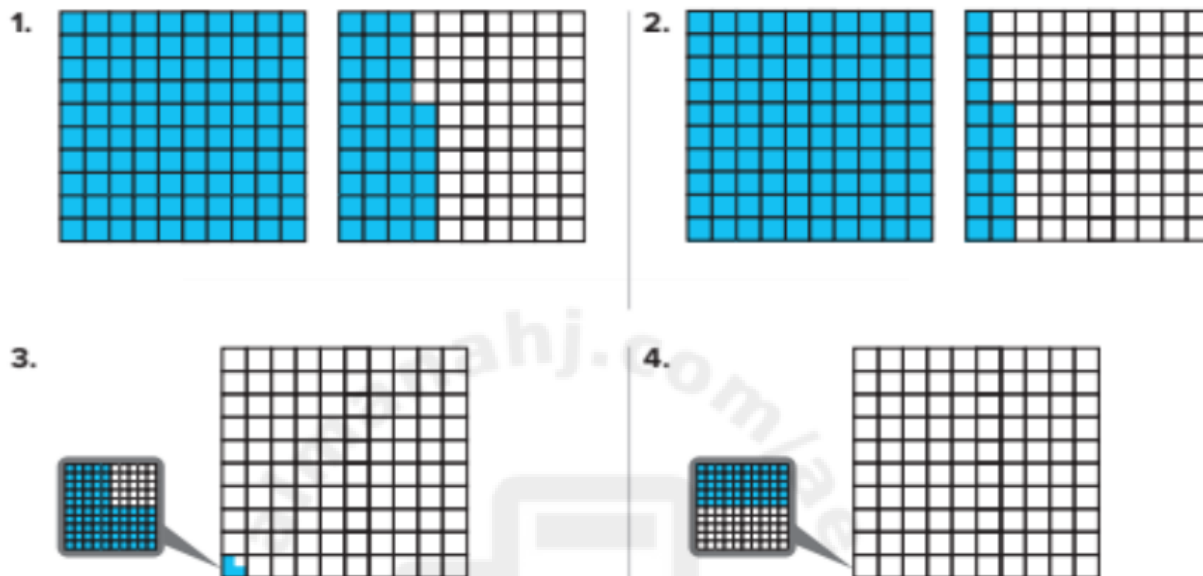
Q11

Use 10×10 grids and bar diagrams to represent percents greater than 100% or less than 1%

1-6

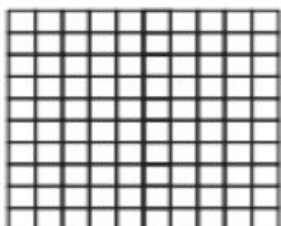
Page 91

Identify the percent represented by the 10×10 grids. (Examples 1 and 3)



5. The size of a large milkshake is 1.4 times the size of a medium milkshake. Write a percent that compares the size of the large milkshake to the size of the small milkshake. Then draw and shade 10×10 grids to model the percent.

6. The Freedom Tower is 1,776 feet tall. Mr. Feeman's students are building a replica of the tower for a class project that will stand 4.44 feet tall. Write a percent that compares the height of the replica to the height of the actual tower. Then shade the 10×10 grid to model the percent.



Q12

Relate fractions, decimals, and percents by using place-value reasoning and understanding a percent as a ratio that compares a number to 100.

1-3 and 13

Page 101

Write each percent as a fraction in simplest form and as a decimal.

1. 45%

2. 72%

3. 80%

Test Practice

13. Multiselect Which of the following are equivalent to 85%? Select all that apply.

☐ 0.85☐ $\frac{85}{100}$ ☐ 0.8☐ $\frac{17}{20}$ ☐ 85

Q13	Relate fractions, decimals, and percents by using place-value reasoning and understanding a percent as a ratio that compares a number to 100.	4-6	Page 101
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Write each fraction as a percent and as a decimal.

4. $\frac{3}{20}$

5. $1\frac{3}{4}$

6. $\frac{5}{8}$

Q14	Estimate the percent of a number by using benchmark percents and rounding.	1-12	Page 119
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For Exercises 1–11, estimate each percent. Show your estimation.

1. 51% of 62 $\approx$ _____

2. 26% of 78 $\approx$ _____

3. 39% of 198 $\approx$ _____

4. 78% of 148 $\approx$ _____

5. 19% of 103 $\approx$ _____

6. 98% of 59 $\approx$ _____

7. Emilia and her three sisters went out to dinner. The total cost of their dinner was \$38.75. They want to leave a tip that is 23% of the total bill. About how much of a tip should they leave?

8. Karl earned \$188 last month doing chores after school. If 68% of the money he earned was from doing yard work, about how much did Karl earn doing yard work?

9. The concession stand at a football game served 288 customers. Of those customers, about 77% bought a hot dog. About how many customers bought a hot dog?

10. In a recent season, the Chicago Cubs won 64% of the 161 regular season games they played. About how many games did they win?

11. The table shows how the 515 students at West Middle School get to school. About how many of the students walk to school?

Method	Percent of Students
Bus	53%
Car	21%
Walk	26%

Test Practice

12. **Open Response** Carolyn's homeroom sold 207 magazine subscriptions. Of the magazine subscriptions sold, 28% were for fashion magazines. About how many fashion magazine subscriptions were sold?



Q15

Use the standard algorithm to divide multi-digit numbers when solving problems.

1-11

Page 141

Find each quotient. (Examples 1-3)

1. $52,080 \div 15 =$ _____

2. $38,480 \div 26 =$ _____

3. $648 \div 18 =$ _____

4. $3,409 \div 14 =$ _____

5. $8,890 \div 40 =$ _____

6. $3,120 \div 64 =$ _____

7. $6,750 \div 240 =$ _____

8. $4,415 \div 800 =$ _____

9. $5,777 \div 160 =$ _____



10. The table shows the distances between major cities. Mr. Santiago has a flight from Los Angeles to Toronto. If the plane travels at 520 miles per hour, how many hours long is the flight?

New York to Paris	3,636 miles
Los Angeles to Toronto	2,171 miles

11. **Equation Editor** What is the value of the expression $3,082 \div 23$?

← → ↶ ↷ ✖

1	2	3
4	5	6
7	8	9
0	.	-

Q16

Solve problems by using the standard algorithms for addition, subtraction, multiplication, and division to compute with multi-digit decimals.

Learn

Page149

Learn Divide Decimals

When dividing by decimals, it is easier to complete the division when the divisor is a whole number. Multiply both the divisor and dividend by the same power of 10 so that the divisor is a whole number.

Place the decimal point in the quotient directly above the decimal point in the dividend. Divide as with whole numbers, annexing zeros as needed.

Find $0.006 \div 0.12$.

$$0.12 \overline{)0.006}$$

$$\begin{array}{r}
 0.05 \\
 12 \overline{)0.60} \\
 \underline{-0} \\
 06 \\
 \underline{-00} \\
 060 \\
 \underline{-60} \\
 0
 \end{array}$$

So, $0.006 \div 0.12$ is _____

Multiply the dividend and divisor by 100 to rewrite the division problem as $0.6 \div 12$.

Place the decimal point in the quotient. Divide as with whole numbers.

Place a 0 in the quotient above 6 because 6 cannot be divided by 12.

Annex a zero and continue to divide.

Q16	Solve problems by using the standard algorithms for addition, subtraction, multiplication, and division to compute with multi-digit decimals.	7-8	Page153
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Find each quotient.

7. $32.674 \div 0.016 =$ _____

8. $3.825 \div 0.25 =$ _____

Q17	Solve problems by using the standard algorithms for addition, subtraction, multiplication, and division to compute with multi-digit decimals.	Example 4 & 5-6	Page148 &153
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Example 4 Multiply Multi-Digit Decimals

Find 0.067×1.42 . Check your solution.

Make an estimate. Round to the nearest whole number.

$0.067 \times 1.42 \approx$ $\times$ or

Find the product.

$$\begin{array}{r} 0.067 \\ \times 1.42 \\ \hline 134 \\ 268 \\ + 67 \\ \hline 0.09514 \end{array}$$

Write the problem.

Multiply as with whole numbers.

Add. Then annex a zero to make five decimal places.

So, 0.067×1.42 is _____.

Check the solution.

Compare the solution to the estimate:

$\approx$

The solution is reasonable.

Find each product.

5. $0.025 \times 1.24 =$ _____

6. $17.15 \times 1.062 =$ _____

Q18	Apply prior knowledge about multiplication, division, and operations on multi-digit numbers to divide whole numbers by fractions..	1-5	Page165
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Find the reciprocal of each number.

1. $\frac{1}{2}$

2. $\frac{1}{5}$

3. 8

4. What number multiplied by $\frac{3}{5}$ has a product of 1?

5. What number multiplied by $\frac{7}{10}$ has a product of 1?

Q19

Apply prior knowledge about multiplication, division, and operations on multi-digit numbers to divide whole numbers by fractions..

6-9

Page165

Divide. Write in simplest form.

6. $3 \div \frac{1}{4} = \underline{\hspace{2cm}}$

7. $4 \div \frac{2}{5} = \underline{\hspace{2cm}}$

8. $6 \div \frac{2}{3} = \underline{\hspace{2cm}}$

9. Marie is making scarves. She has 7 yards of fabric and each scarf needs $\frac{5}{8}$ yard of fabric. Find $7 \div \frac{5}{8}$. Then interpret the quotient.



Q20

Apply prior knowledge about multiplication and division with whole numbers and the division of whole numbers by fractions to divide fractions by fractions.

1-7

Page175

Divide. Write in simplest form.

1. $\frac{5}{6} \div \frac{5}{12} =$ _____

2. $\frac{1}{3} \div \frac{1}{9} =$ _____

3. $\frac{3}{7} \div \frac{1}{14} =$ _____

4. Romeo had $\frac{3}{4}$ pound of fudge left. He divided the remaining fudge into $\frac{5}{16}$ -pound bags. Write and solve an equation that models the situation. Then interpret the quotient.

5. Chelsea has $\frac{7}{8}$ pound of butter to make icing. Each batch of icing needs $\frac{1}{4}$ pound of butter. Write and solve an equation that models the situation. Then interpret the quotient.

Test Practice

6. Write a story context for $\frac{5}{6} \div \frac{1}{6}$. Then find the quotient. (Example 3)

7. **Equation Editor** What is the value of the expression $\frac{2}{5} \div \frac{1}{6}$?

←
→
↶
↷
✖

1	2	3	+	-	×	÷
4	5	6	<	≤	=	≥
7	8	9	÷	x [°]	()	
0	.	-				

$\sqrt{x}$
 $\sqrt[3]{x}$
 π

Part 2 Type Of Questions FRQ

Q21

Show a ratio relationship between two quantities using different representations.

1-7

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1. In Suri's coin purse, she has 6 dimes and 4 quarters. Martha has 5 dimes and 3 quarters. Suri thinks that the ratio of dimes to quarters in both purses is the same because they each have 2 more quarters than dimes. Is the same ratio of dimes to quarters maintained? Justify your response.
2. In a trivia game, Levi answered 8 questions correctly out of 10 turns in the game. He then answered the next three questions correctly. He reasoned that because he added 3 to both the total questions and his correct responses, that the ratio of correct answers to total questions remained the same. Is he correct? Justify your response.
3. Riley needs to make fruit punch for the family reunion. One batch of punch has the ingredients shown. If the punch bowl holds 27 cups, how many cups of orange juice will she need to keep the ratio in a full punch bowl the same?
4. A small fruit basket contains the fruits shown. A large basket has the same ratio of fruits as the small basket. If the large basket has 42 total pieces of fruit, how many are pears?

Item	Cups
Cranberry Juice	4
Lemon Lime Soda	1
Orange Juice	2
Pineapple Juice	2

Type of Fruit	Amount
Apple	6
Orange	5
Pear	3

5. Mrs. Santiago is buying doughnuts for her office. Each box contains 6 glazed, 4 cream filled, and 2 chocolate flavored doughnuts. If there were 20 total cream filled doughnuts, how many chocolate doughnuts did she buy?

6. A small batch of trail mix contains 2 cups of raisins, 2 cups of peanuts, 1 cup of sunflower seeds, and 1 cup of chocolate coated candies. A large batch has the same ratio of ingredients as a small batch. If the large batch has 8 cups of peanuts, how many cups of sunflower seeds are in a large batch? (Example 3)

Test Practice

7. **Open Response** A football coach needs to divide 48 players into two groups. He wants the ratio of players in Group 1 to players in Group 2 to be 1 to 3. How many players will be in Group 2?



Apply

9. Nolan found two stores that sell filled party favor bags. The table shows his options. Which store has the lesser cost per filled bag? How much less?

Store	Number of Bags	Cost (\$)
Party R Us	8	12
Celebrations	12	21

10. The Houck family and Roberts family took trains for their family vacations, traveling at constant rates. The Houck family's train traveled 552 miles in 6 hours and the Roberts family's train traveled 744 miles in 8 hours. Which family's train is traveling at a faster rate? How much faster?

11. Caleb paid \$4.50 for 12 bagels. Describe a unit price for bagels that is greater than the unit price Caleb paid.

12. **MP Find the Error** A large box of spaghetti noodles contains 3 pounds and costs \$2.40. A student said the unit cost is \$1.20 per pound. Is the student correct? Explain.

Q23

Find the percent of a number by reasoning about percent as a rate per 100 and by using bar diagrams, ratio tables, equivalent ratios, and double number lines.

10-13

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10. Students were asked which night they planned on going to the school festival. The results of the survey are shown in the table. If 18% of the students did not go on Friday, and 15% of the students did not go on Saturday, how many more students went on Friday than on Saturday?

Night	Number of Students
Friday	550
Saturday	480

11. Students were surveyed about which school athletic event they were planning to attend this week. Of the students who said they were going to the football game, 25% did not attend. Of the students who stated they were going to the volleyball game, 20% did not attend. How many more students went to the football game than the volleyball game?

Event	Number of Students
Football Game	120
Gymnastics Meet	95
Volleyball Game	80

12. **MP Persevere with Problems** Olive is going to buy a scooter that costs \$95. The sales tax rate is 8.5%. What is the total cost of the scooter including tax to the nearest cent?

13. **MP Justify Conclusions** Is 18% of 30 the same as 30% of 18? Justify your conclusion.

Q24	Find the whole, given the part and the percent by using bar diagrams, ratio tables, double number lines, and equivalent ratios.	1-8	Page 127
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1. Yolanda's club requires that 80% of the members be present for any vote. If at least 20 members must be present to have a vote, how many members does the club currently have?
2. Action movies make up 25% of Sara's DVD collection. If she has 16 action DVDs, how many DVDs does Sara have in her collection?
3. Marcus saved \$10 because he bought a baseball glove that was on sale for 40% off. What was the original price of the baseball glove?
4. Of the students in the marching band, 55% plan to go to the school dance. If there are 110 students in the marching band that are going to the dance, how many students are in the marching band?

5. Melcher used 24% of the memory card on his digital camera while taking pictures at a family reunion. If Melcher took 96 pictures at the family reunion, how many pictures can the memory card hold?

6. Mallorie has \$12 in her wallet. If this is 20% of her monthly allowance, what is her monthly allowance?

Test Practice

7. The table shows the number of minutes Tim has for lunch and study hall. He calculates that these two periods account for 18% of the minutes he spends at school. How many minutes does he spend at school?

Period	Number of Minutes
Lunch	45
Study Hall	45

8. **Open Response** The number of sixth grade students accounts for 35% of the total number of students enrolled in middle school. There are 245 sixth grade students. How many students are enrolled in the middle school?

DO
YOUR
BEST

Q25**Apply prior knowledge about division and reciprocals to divide fractions by whole and mixed numbers****(3-8)****Page 185****Divide. Write in simplest form.**

3. $2\frac{4}{5} \div 4 =$ _____

4. $6\frac{2}{3} \div 8 =$ _____

5. $4\frac{2}{3} \div 6 =$ _____

6. $3\frac{3}{5} \div 1\frac{1}{2} =$ _____

7. $3\frac{3}{4} \div 1\frac{2}{3} =$ _____

8. $4\frac{1}{2} \div 2\frac{7}{10} =$ _____

YES! 
you DID it!



GOOD LUCK

Ms/ Sara Gamal