

# Homework 29

This week we start reviewing for  
Math PM3 F.A.S.T Test

Due Monday  
4/27, upload no  
later than 8am.

## **Test Monday 4/27**

GEOMETRY

Vocabulary in Greek

Lines

Angles

Measuring Lines

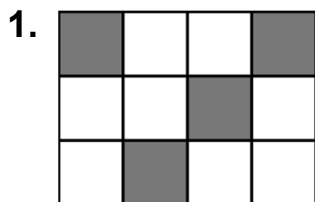
Area

Perimeter

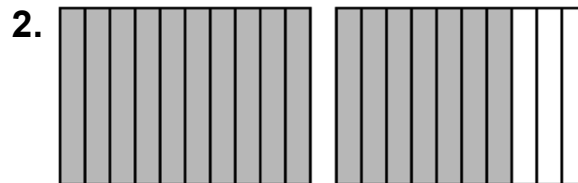
Name \_\_\_\_\_

**Lessons**  
**12.1–12.3** **Review & Refresh**

Write the fraction shown by the model in standard form, numeral-word form, and word form.



Standard form:  
Numeral-word form:  
Word form:



Standard form:  
Numeral-word form:  
Word form:

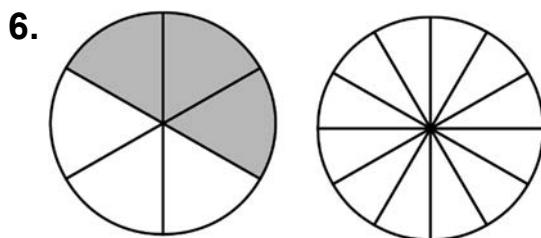
Compare.

3.  $\frac{7}{5}$  ○  $1\frac{2}{5}$

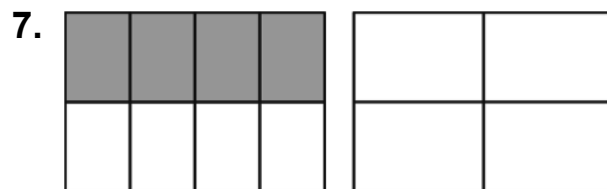
4.  $1\frac{3}{4}$  ○  $\frac{9}{4}$

5.  $\frac{7}{8}$  ○  $\frac{6}{8}$

Shade the model to tell whether the fractions are equivalent. Both models show the same whole.

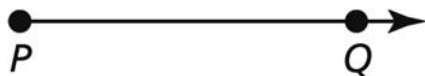


$\frac{3}{6} \stackrel{?}{=} \frac{6}{12}$



$\frac{4}{8} \stackrel{?}{=} \frac{1}{4}$

8. Name the figure shown. Write how to say the name.



Name:

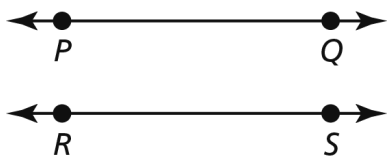
How to say the name:

Name \_\_\_\_\_

**Lessons**  
**12.1–12.3**

**Review & Refresh** (continued)

9. Name the figure shown. Write how to say the name.

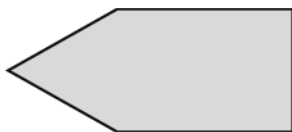


Name:

How to say the name:

Tell whether the shape appears to have parallel sides and perpendicular sides.

10.



Pairs of parallel sides: \_\_\_\_\_

Perpendicular sides: Yes No

11.

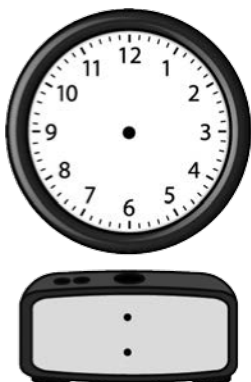


Pairs of parallel sides: \_\_\_\_\_

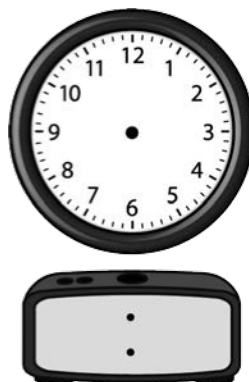
Perpendicular sides: Yes No

Show the time on both clocks.

12. 24 minutes after 7



13. 14 minutes before 12



Find the end time.

14. Start: 3:17 P.M.

Elapsed time: 45 minutes

\_\_\_\_\_ : \_\_\_\_\_

15. Start: 11:53 A.M.

Elapsed time: 28 minutes

\_\_\_\_\_ : \_\_\_\_\_

Name \_\_\_\_\_

**Lessons**  
**12.4–12.7** **Review & Refresh**

1. Show 8,902 two ways.

Thousands	Hundreds	Tens	Ones

\_\_\_\_\_Thousands + \_\_\_\_\_Hundreds + \_\_\_\_\_Tens + \_\_\_\_\_Ones

2. Show 1,964 two ways.

Hundreds	Tens	Ones

\_\_\_\_\_Hundreds + \_\_\_\_\_Tens + \_\_\_\_\_Ones

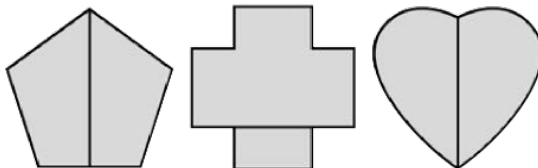
Write the value of the underlined digit.

3. 4,892

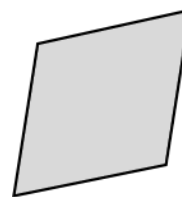
4. 6,005

5. 3,918

6. Circle the shapes that have a line of symmetry.



7. Draw 2 lines of symmetry.



8. Use the clues.

Draw the quadrilateral.

2 pairs of parallel sides

2 pairs of equal sides

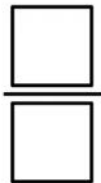
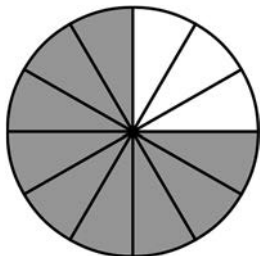
4 right angles.

Name \_\_\_\_\_

**Lessons**  
**12.4–12.7** **Review & Refresh** (continued)

Write the fraction shown by the model in the different forms.

9.



Standard form:

Numeral-word form: 9 \_\_\_\_\_

Word form: nine-\_\_\_\_\_

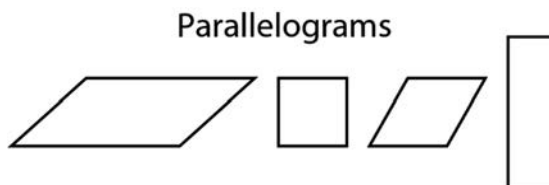
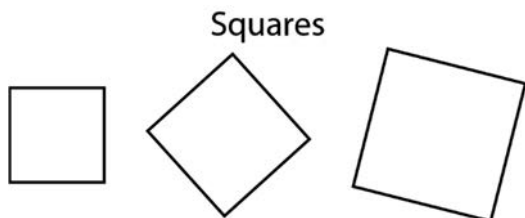
Compare.

10.  $9 \times 4$  ○  $5 \times 9$

11.  $7 \times 7$  ○  $7 \times 6$

12.  $3 \times 8$  ○  $2 \times 12$

13. How are squares and parallelograms alike? How are they different?



Ways they are alike:

Each has \_\_\_\_\_ sides.

Each has \_\_\_\_\_ angles.

Each has \_\_\_\_\_ pairs of  
parallel sides.

Ways they are different:

Squares always have \_\_\_\_\_ equal  
sides and \_\_\_\_\_ right angles.

What names can you use to classify all squares and parallelograms?

\_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

Name \_\_\_\_\_

**Chapter  
12**

**B.E.S.T. Test Prep**

1. Select all the answers that can be correct.

Descartes has a recipe that calls for  $3\frac{1}{2}$  cups of milk. He has a variety of measuring cups. Which of the following can he use to measure the milk?

- (A) fourteen  $\frac{1}{4}$  cups      (C) twelve  $\frac{1}{2}$  cups      (E) sixteen  $\frac{1}{4}$  cups  
(B) nine  $\frac{1}{3}$  cups      (D) seven  $\frac{1}{2}$  cups      (F) ten  $\frac{1}{3}$  cups
- 

2. Which units should you use to measure length?

	Inches	Feet
crayon	(A)	(B)
car	(C)	(D)
spoon	(E)	(F)
height of an adult	(G)	(H)

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3. What is the standard form of  $8,000 + 500 + 90 + 4$ ?

- (A) 894      (C) 8,594  
(B) 8,495      (D) 8,954

Name \_\_\_\_\_

**Chapter 12** **B.E.S.T. Test Prep** (continued)

4. You have saved \$3,721. Your sister has saved \$1,926. How much money, in dollars, have you both saved altogether?

	/	/	/	/	/	
0	0	0	0	0	0	0
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9


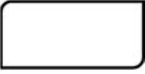


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5. Which is the name for “an exact location in space”?

- (A) ray
- (B) perpendicular
- (C) point
- (D) line segment

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6. Which are polygons with four sides? Select all that apply.

- (A) 
- (B) 
- (C) 
- (D) 

Name \_\_\_\_\_

**Chapter  
12**

**B.E.S.T. Test Prep (continued)**

7. Which fraction is equal to  $\frac{3}{4}$ ?

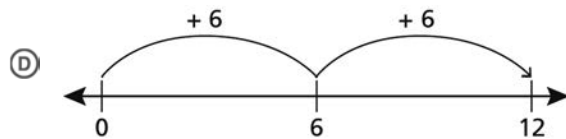
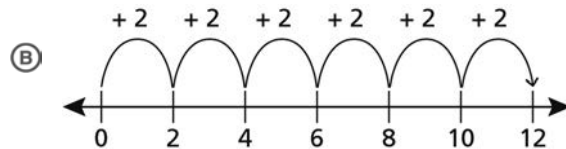
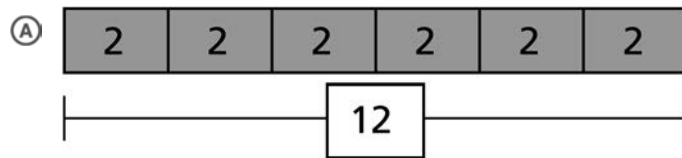
(A)  $\frac{3}{2}$

(C)  $\frac{6}{8}$

(B)  $\frac{3}{8}$

(D)  $\frac{4}{3}$

8. Descartes wants to make as many snowman decorations as possible with 12 arms. Each snowman gets 2 arms. Select all the models you can use to find how many snowmen Descartes can make.



9. You have 873 fishing lures. Your friend has 1,022 fishing lures. How many more lures does your friend have than you?

(A) 149

(C) 1,895

(B) 251

(D) 1,995

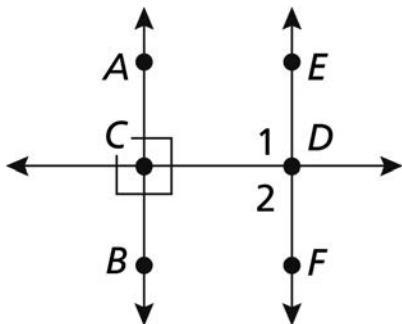
**Chapter 12** **B.E.S.T. Test Prep** (continued)

10. Newton and Descartes each have some shapes. All of Newton's shapes have 4 right angles. Descartes's shapes have 4 sides but do not have any right angles. Complete the statements. For each box, fill in the bubbles that make the sentences correct.

Newton's shapes are all 
 A triangles  
 B octagons  
 C rhombuses  
 D rectangles
  and

Descartes' shapes are all 
 A rectangles  
 B quadrilaterals  
 C triangles  
 D hexagons
  . So, all of the shapes are 
 A rectangles  
 B quadrilaterals
  .

11.  $\overleftrightarrow{AB}$  is perpendicular to  $\overleftrightarrow{CD}$ , and  $\overleftrightarrow{AB}$  is parallel to  $\overleftrightarrow{EF}$ . Select all statements that are true.



- A  $\overleftrightarrow{EF} \parallel \overleftrightarrow{CD}$
- B  $\overleftrightarrow{EF} \perp \overleftrightarrow{CD}$
- C Angle 1 is a right angle.
- D Angle 2 is a right angle.