

# Are you ready to **➔ EARN?**

## Mission 8

### **Shapes, Time, and Fractions**

Name: \_\_\_\_\_

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Fourth Edition

Name: \_\_\_\_\_

### Weekly Goal Tracker

Week of:	My goal is to earn badges for lessons: _____	Teacher Signature:
Week of:	My goal is to earn badges for lessons: _____	Teacher Signature:
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Week of:	My goal is to earn badges for lessons: _____	Teacher Signature:

Name: \_\_\_\_\_

## Mission 8: Workbook Checklist

<b>1. Shape Up</b>	Date: _____	Teacher Signature: _____
Learning Lab:		<input type="radio"/> Exit Ticket
<b>2. Sketch Shapes</b>	Date: _____	Teacher Signature: _____
Math Chat:	<input type="radio"/> Notes	<input type="radio"/> Exit Ticket
<b>3. Spot Shapes</b>	Date: _____	Teacher Signature: _____
Learning Lab:		<input type="radio"/> Exit Ticket
<b>5. Quadrilaterals and More</b>	Date: _____	Teacher Signature: _____
Math Chat:	<input type="radio"/> Notes	<input type="radio"/> Exit Ticket
<b>7. Equal Shares</b>	Date: _____	Teacher Signature: _____
Learning Lab:		<input type="radio"/> Exit Ticket
<b>8. Shapes in Shapes</b>	Date: _____	Teacher Signature: _____
Learning Lab:		<input type="radio"/> Exit Ticket
<b>10. Halves, Thirds, and Fourths, Oh My!</b>	Date: _____	Teacher Signature: _____
Math Chat:	<input type="radio"/> Notes	<input type="radio"/> Exit Ticket
<b>11. Partly Described</b>	Date: _____	Teacher Signature: _____
Learning Lab:		<input type="radio"/> Exit Ticket
<b>12. Same but Different</b>	Date: _____	Teacher Signature: _____
Math Chat:	<input type="radio"/> Notes	<input type="radio"/> Exit Ticket
<b>13. Clock Talk</b>	Date: _____	Teacher Signature: _____
Learning Lab:		<input type="radio"/> Exit Ticket

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**15. About Time**

Date:\_\_\_\_\_ Teacher Signature:\_\_\_\_\_

**Math Chat:** **Notes** **Exit Ticket**

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**16. Time and a Half**

Date:\_\_\_\_\_ Teacher Signature:\_\_\_\_\_

**Z-Squad:** **Notes** **Exit Ticket**

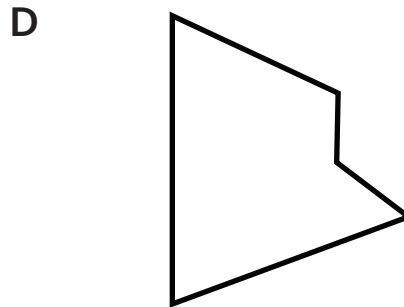
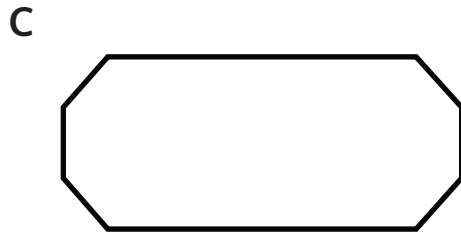
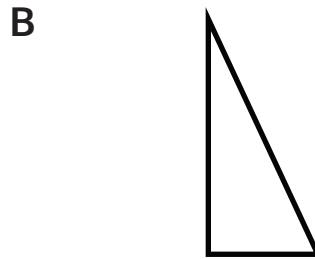
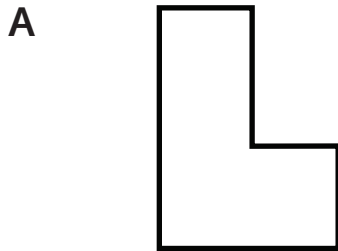
**Lesson 1**  
G:2 M:8

**EXIT TICKET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:  Class: \_\_\_\_\_

Study the shapes below. Then answer the questions.



1. Which shape has the most sides? \_\_\_\_\_
2. Which shape has 3 fewer angles than shape C? \_\_\_\_\_
3. What shape has 3 more sides than shape B? \_\_\_\_\_
4. Which of these shapes have the same number of sides as angles? \_\_\_\_\_







**Lesson 2**  
G:2 M:8

## Sketch Shapes

### ZEARN STUDENT NOTES

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

1

### Polygon

A \_\_\_\_\_ shape made up of \_\_\_\_\_ sides.

Examples:



2

**Triangle**

Example:

\_\_\_\_\_ sides

\_\_\_\_\_ angles

3

**Quadrilateral**

Example:

\_\_\_\_\_ sides

\_\_\_\_\_ angles

EXTRA WORKSPACE



Lesson 2  
G:2 M:8

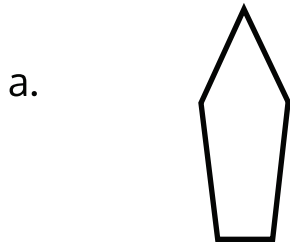
EXIT TICKET

Name: \_\_\_\_\_ Date: \_\_\_\_\_

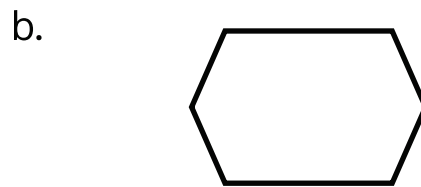
Complete:  Class: \_\_\_\_\_

1. Count the number of sides and angles for each shape to identify each polygon. The polygon names in the word bank may be used more than once.

Hexagon    Quadrilateral    Triangle    Pentagon



\_\_\_\_\_



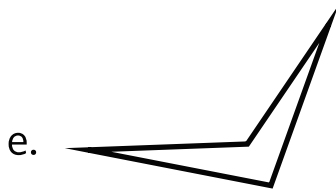
\_\_\_\_\_



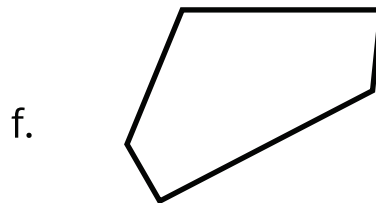
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_





**Lesson 3**  
G:2 M:8

**EXIT TICKET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

1. Use a straight edge to draw the polygon with the given attributes in the space below.

Draw a five-sided polygon.

SHOW YOUR WORK

Number of angles: \_\_\_\_\_

Name of polygon: \_\_\_\_\_





**Lesson 5**  
G:2 M:8

**Quadrilaterals and More**

**ZEARN STUDENT NOTES**

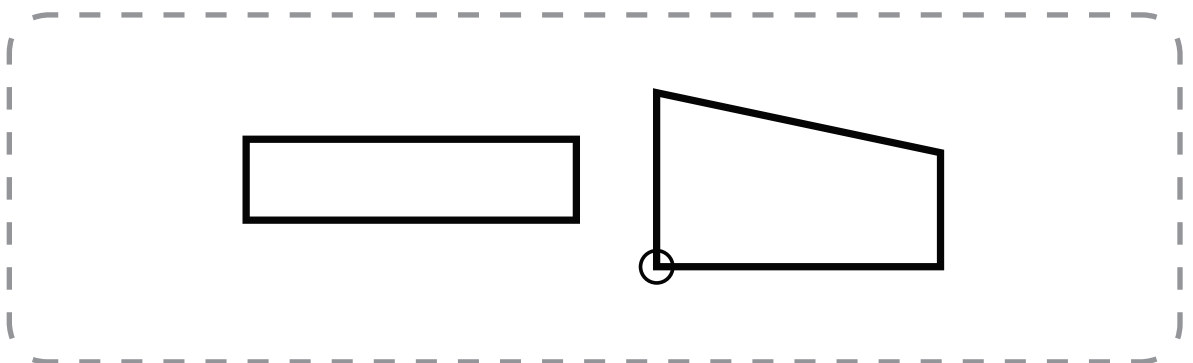
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

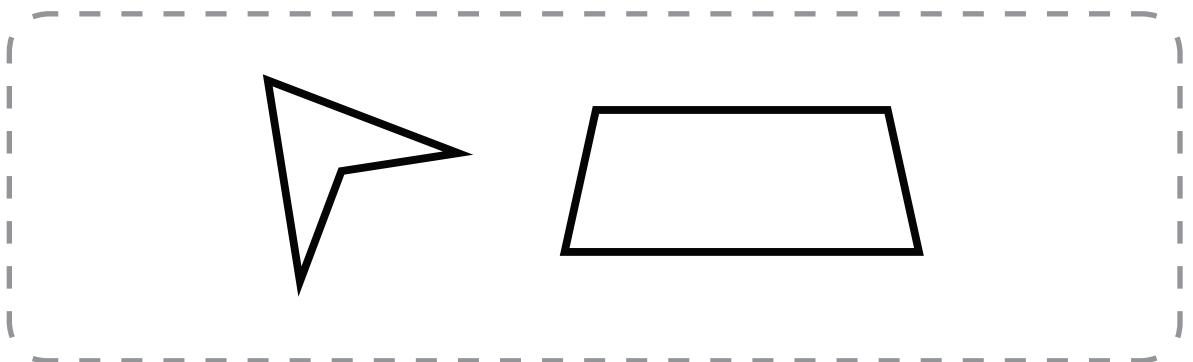
Class: \_\_\_\_\_

- 1** Use the corner of a piece of paper to find which quadrilaterals have right angles.

Circle any right angles you find. One has been done for you.



- 2** Circle the quadrilaterals that have parallel lines. Extend the lines if you need to make sure they won't cross.



3

Draw a quadrilateral that has parallel lines and at least one right angle.

SHOW YOUR WORK

4

Draw a cube.

SHOW YOUR WORK

EXTRA WORKSPACE





**Lesson 5**  
G:2 M:8

**EXIT TICKET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:  Class: \_\_\_\_\_

1. Draw 3 cubes. Put a star next to your best one.

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Lesson 7  
G:2 M:8

## Equal Shares

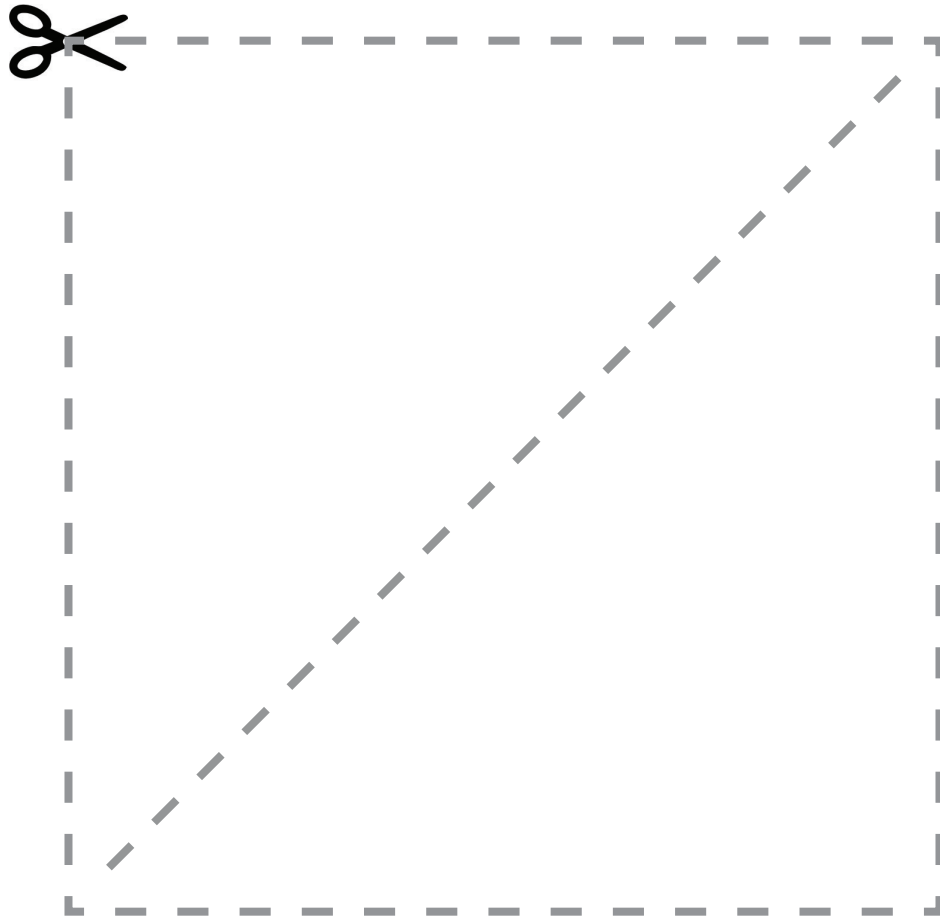
### ZEARN STUDENT NOTES

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

- 1 Cut along the dotted lines to create the shapes we're using today.



EXTRA WORKSPACE



**Lesson 7**  
G:2 M:8

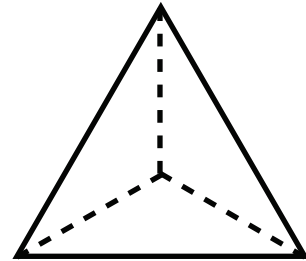
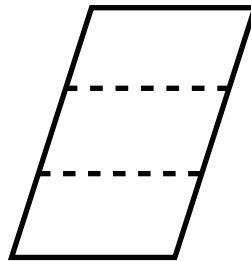
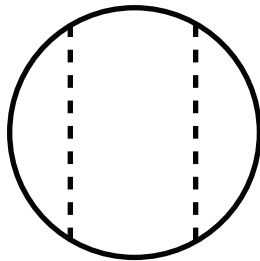
**EXIT TICKET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

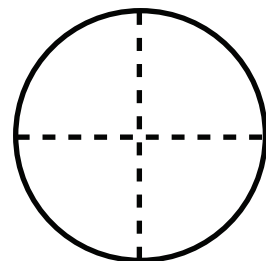
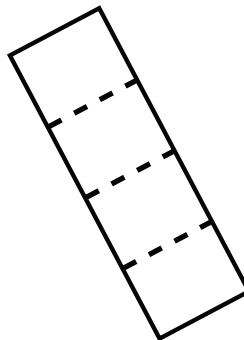
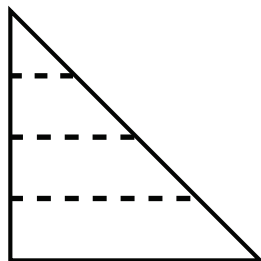
Complete:

Class: \_\_\_\_\_

1. Circle the shapes that show thirds.



2. Circle the shapes that show fourths.





**Lesson 8**  
G:2 M:8

**EXIT TICKET**

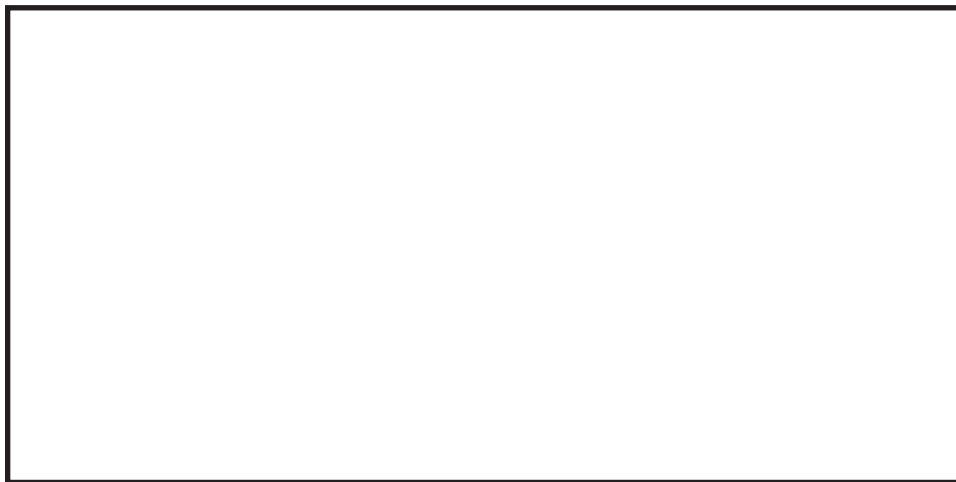
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

1. Name a shape that would cover half of this rectangle:

\_\_\_\_\_







**Lesson 10**  
G:2 M:8

**Halves, Thirds, and Fourths, Oh My!**

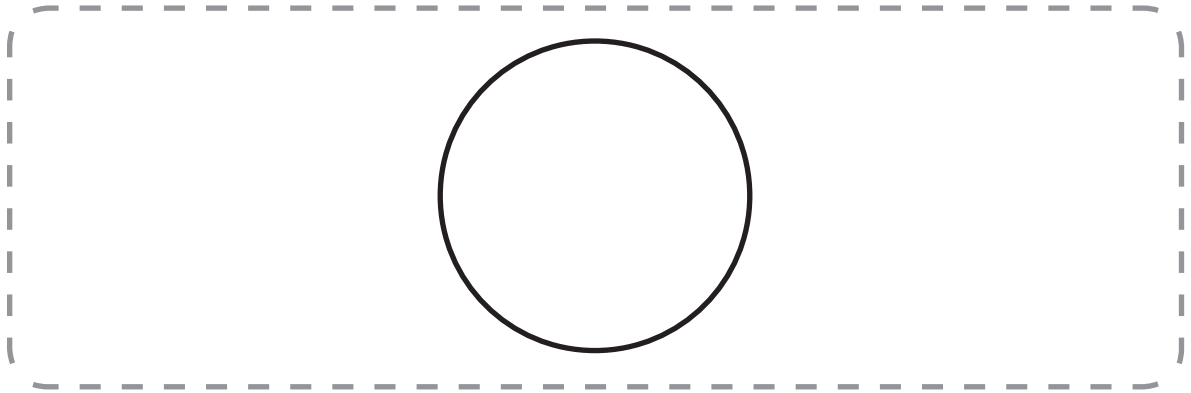
**ZEARN STUDENT NOTES**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

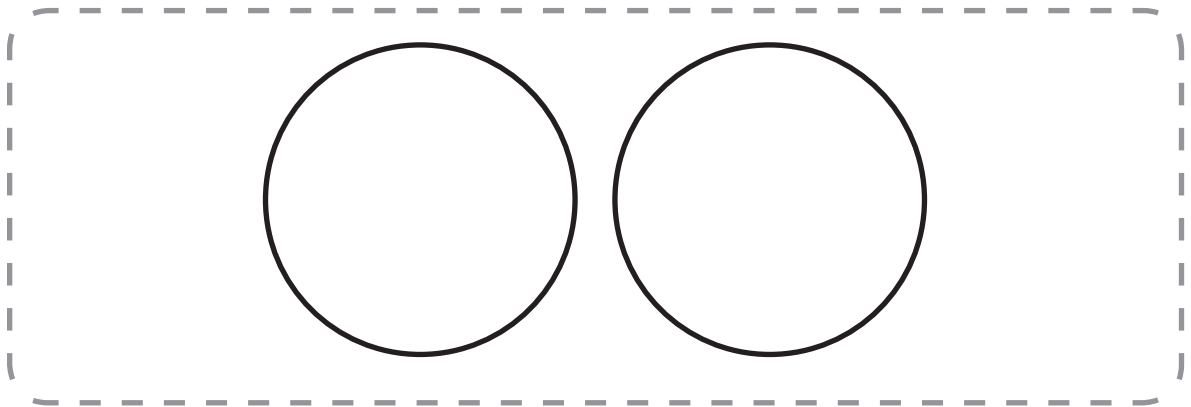
Complete:

Class: \_\_\_\_\_

- 1** Draw a line to partition the circle into 2 halves.



- 2** Partition one circle in half and shade 1 half.  
Partition the other circle into thirds and shade 1 third.



EXTRA WORKSPACE



**Lesson 10**  
G:2 M:8

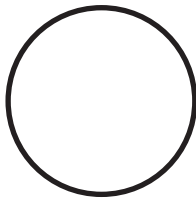
**EXIT TICKET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:  Class: \_\_\_\_\_

1. Partition and shade the following shapes as indicated. Each rectangle or circle is one whole.

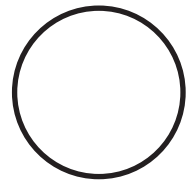
a. 2 halves



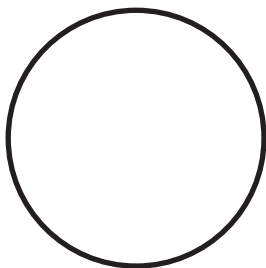
b. 2 thirds



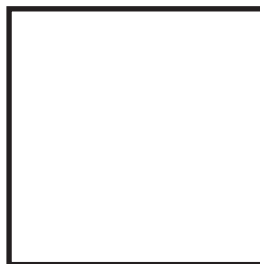
c. 1 third



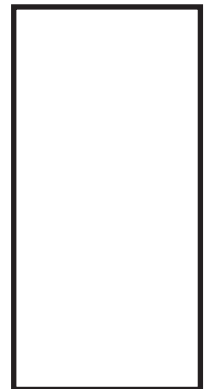
d. 1 half



e. 2 fourths



f. 1 fourth





**Lesson 11**  
G:2 M:8

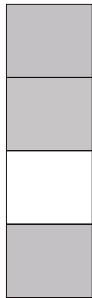
**EXIT TICKET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:  Class: \_\_\_\_\_

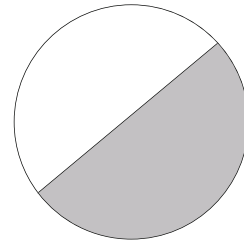
1. What fraction do you need to color so that 1 whole is shaded?

a.



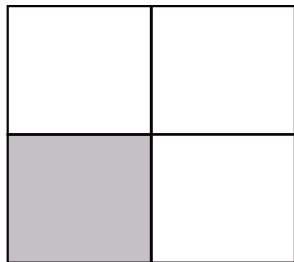
\_\_\_\_\_

b.



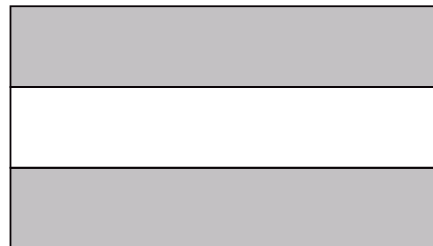
\_\_\_\_\_

c.



\_\_\_\_\_

d.



\_\_\_\_\_





**Lesson 12**  
G:2 M:8

**Same but Different**

**ZEARN STUDENT NOTES**

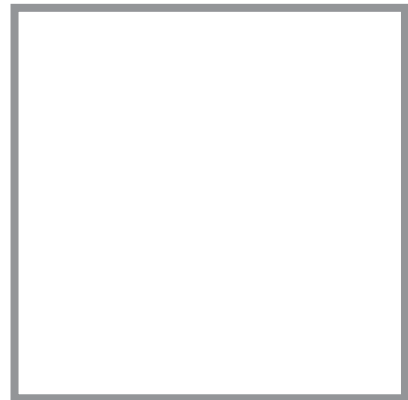
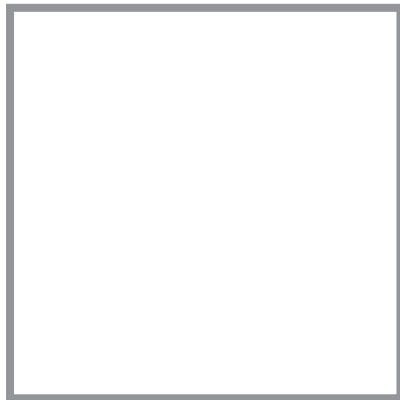
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

- 1 Partition each square into two halves.  
Try to do each in a different way!

SHOW YOUR WORK

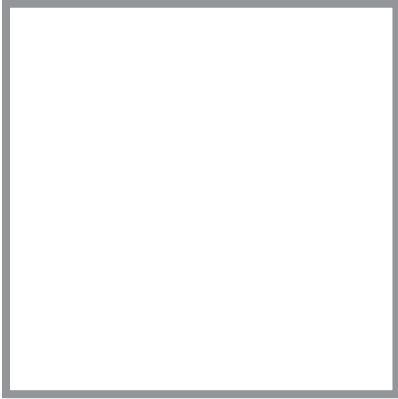


2

Partition each square into fourths.

Try different ways to make 4 equal shares!

SHOW YOUR WORK



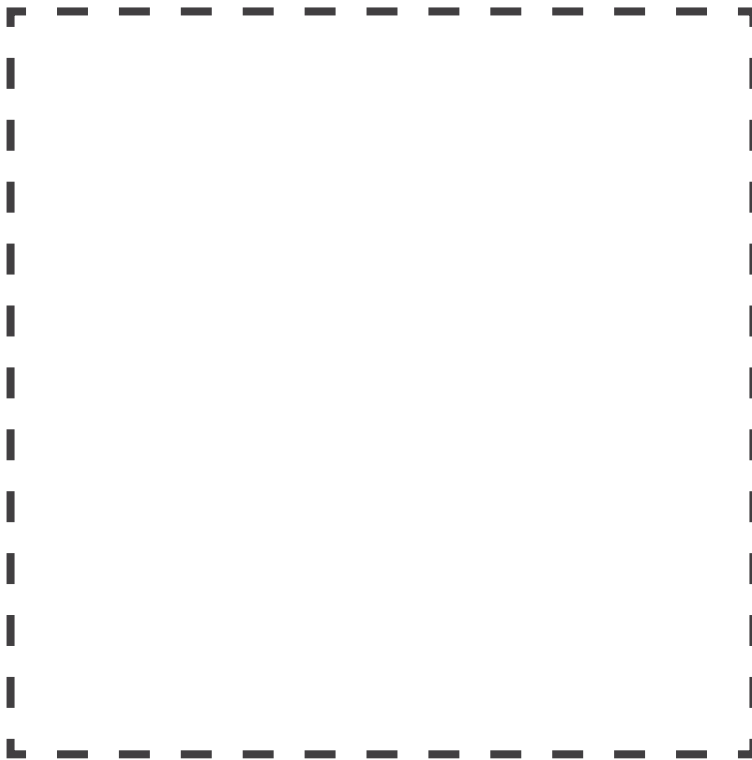
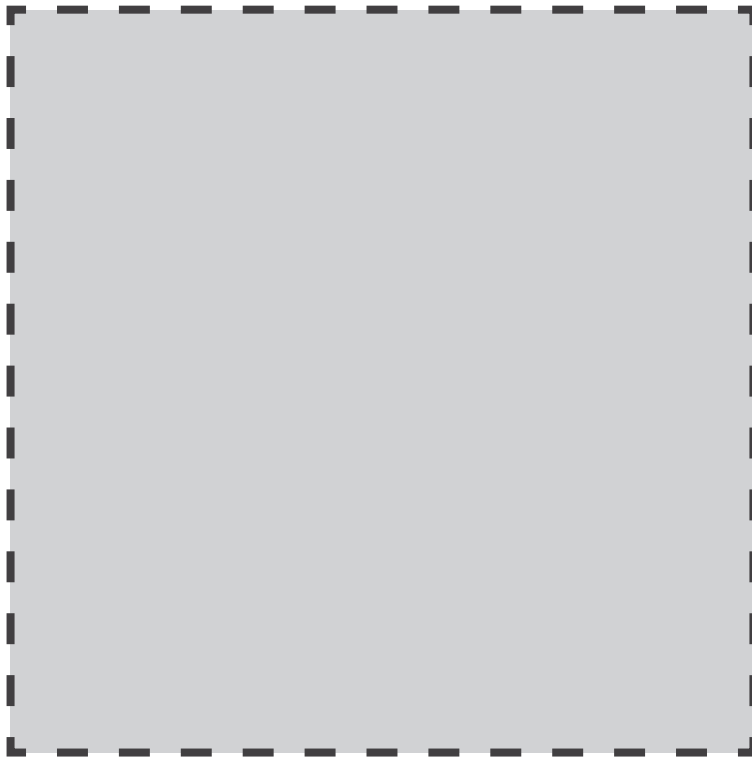
3

Use scissors to cut out the 2 squares on the next page.

EXTRA WORKSPACE









**Lesson 12**  
G:2 M:8

**EXIT TICKET**

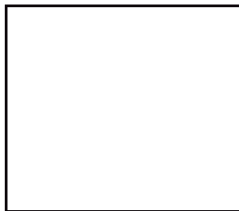
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

1. Partition the rectangle in 2 different ways to show equal shares.

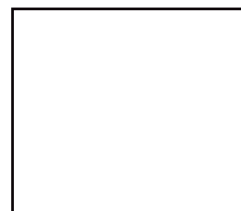
a. 2 halves



b. 3 thirds



c. 4 fourths





**Lesson 13**  
G:2 M:8

**Clock Talk**

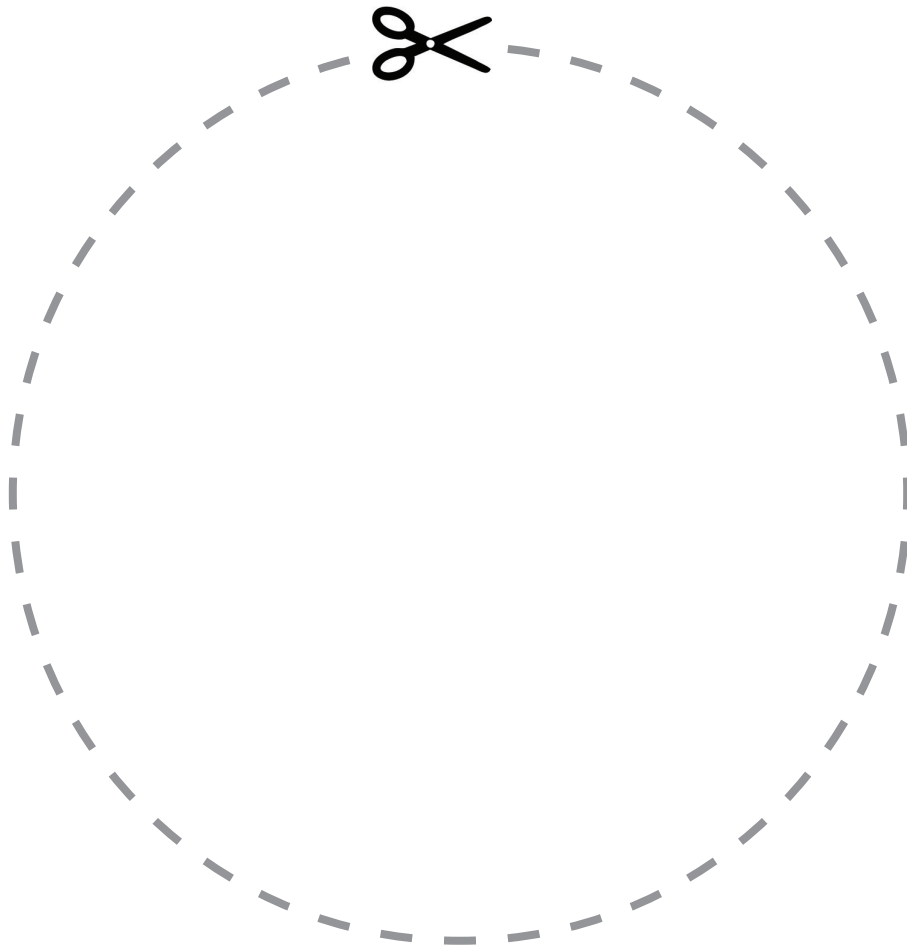
**ZEARN STUDENT NOTES**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

- 1 Cut along the dotted line to make the circle we're using today.



EXTRA WORKSPACE



**Lesson 13**  
G:2 M:8

**EXIT TICKET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

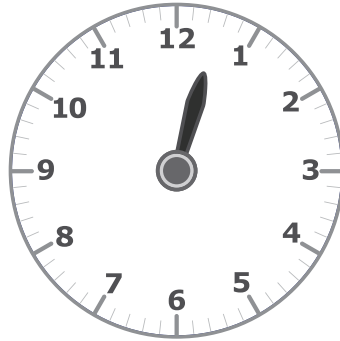
Complete:

Class: \_\_\_\_\_

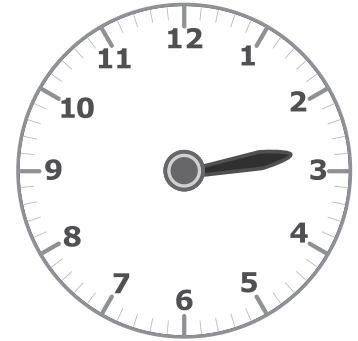
1. Draw the minute hand on the clock to show the correct time.



Half past 7



12:15



A quarter to 3







**Lesson 15**  
G:2 M:8

**About Time**

**ZEARN STUDENT NOTES**

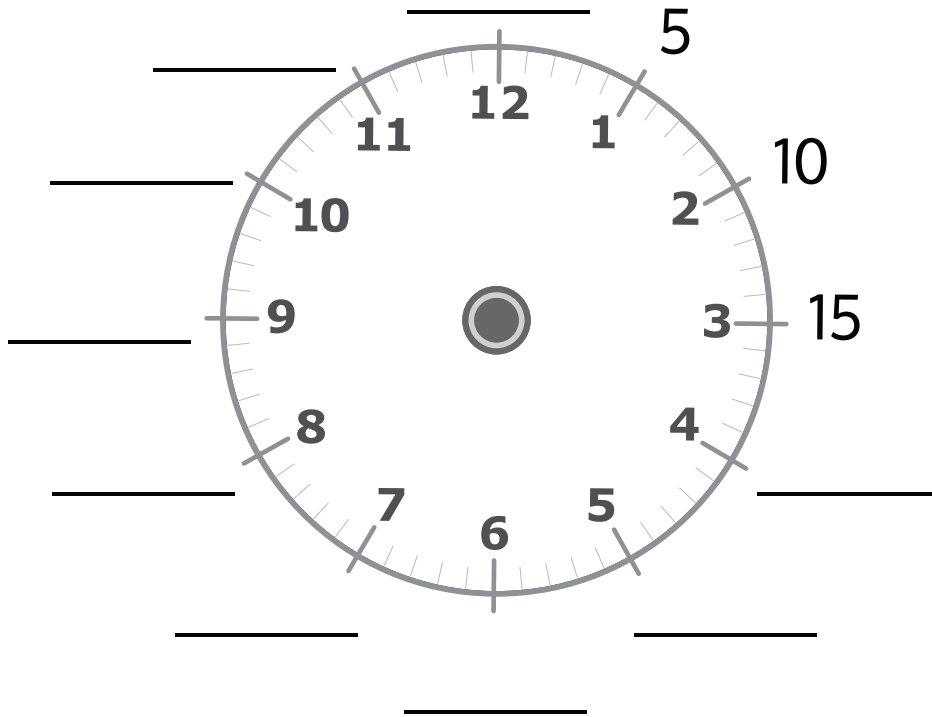
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

- 1 Continue to count by 5s to label the minutes on the clock.

SHOW YOUR WORK





**Lesson 15**  
G:2 M:8

**EXIT TICKET**

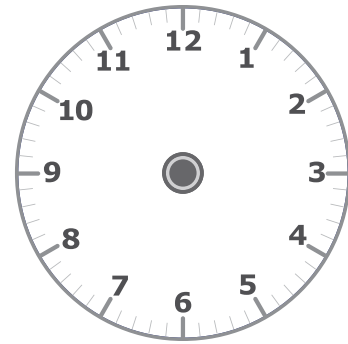
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:  Class: \_\_\_\_\_

1. Draw the hands on the analog clock to match the time on the digital clock. Then, circle **a.m.** or **p.m.** based on the description given.

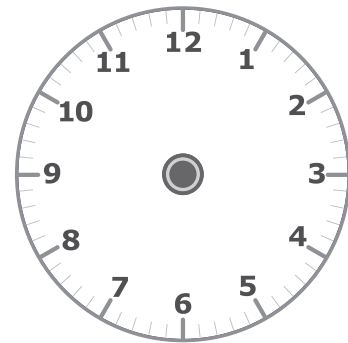
- a. The sun is rising

**6:10** a.m. or p.m.



- b. Walking the dog

**3:40** a.m. or p.m.





**Lesson 16**  
G:2 M:8

**Time and a Half**

**ZEARN STUDENT NOTES**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

- 1** Mr. Sawicki goes to the park with Zearny at 10:00 a.m.  
They return home at 2:00 p.m.



How long were they at the park?



SHOW YOUR WORK



YOUR WORD SENTENCE



2

Ms. Joseph goes to bed at 8:00 p.m. She wakes up at 3:30 a.m. to go to the airport for an early flight.



How much time did she sleep?



SHOW YOUR WORK



YOUR WORD SENTENCE

EXTRA WORKSPACE



**Lesson 16**  
G:2 M:8

**EXIT TICKET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Complete:

Class: \_\_\_\_\_

1. How much time has passed?

a. 3:00 p.m. → 11:00 p.m. \_\_\_\_\_

b. 5:00 a.m. → 12:00 p.m. (noon) \_\_\_\_\_

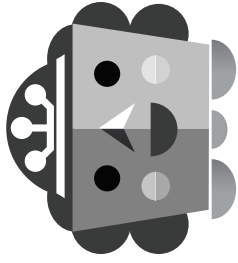
c. 9:30 p.m. → 7:30 a.m. \_\_\_\_\_







**Z EARN**



Congratulations!  
You completed

## Grade 2 Mission 8

Shapes, Time, and Fractions

.....  
Name

.....  
Date



Z earned it!

