

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

Number of Questions: **41**

Instructor Note : **Parents, please print the following. Provide only the questions to your child and RETAIN the answers. Students should NOT initially receive the answers. Calculators should not be used for this assignment.**

Question 1 of 41

Estimate  $1328 + 610 + 780$  by first rounding each number to the nearest hundred.

Question 2 of 41

Estimate  $76,265 - 41,629$  by first rounding each number to the nearest thousand.

Question 3 of 41

Keisha and John are trying to estimate this product.

$4 \times 75$

Answer the questions below.

(a) Keisha estimates this product by computing $4 \times 70$ . $4 \times 70 =$ ____	
(b) John estimates this product by computing $4 \times 80$ . $4 \times 80 =$ ____	
(c) Whose estimate is closer to $4 \times 75$ ? <input type="radio"/> Keisha's estimate is closer <input type="radio"/> John's estimate is closer <input type="radio"/> Their estimates are equally close	

Question 4 of 41

Answer the following about estimating  $314 \div 5$ .

(a) Choose the division that gives a better estimate of  $314 \div 5$ .  
Then, fill in the estimate.

☐

$300 \div 5 =$

☐

$350 \div 5 =$

(b) Is the correct estimate from part (a) an *underestimate* or an *overestimate*?

☐

It is an underestimate because it is less than  $314 \div 5$ .

☐

It is an overestimate because it is greater than  $314 \div 5$ .

Question 5 of 41

Answer the questions below. Be sure to mark *all* answers that apply.

	275	510	511	None of these
(a) Which numbers are divisible by 5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Which numbers are divisible by 10?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(c) Which numbers are divisible by 2?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Question 6 of 41

Answer the questions below. Be sure to mark *all* answers that apply.

	295	203	240	None of these
(a) Which numbers are divisible by 9?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Which numbers are divisible by 3?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Question 7 of 41

Write all the factors of 25.  
Use commas to separate them.

### Question 8 of 41

Find the digits in the ones place, in the hundredths place, and in the thousandths place for the following number.

879.0514

ones:

hundredths:

thousandths:

### Question 9 of 41

Round 50.595 to the nearest hundredth.

### Question 10 of 41

Pablo rented a movie. He started the movie at 3 : 48 p.m. It was 3 hours and 40 minutes long. When did the movie end?

### Question 11 of 41

Omar rented a movie. He started the movie at 11 : 37 p.m., and it ended at 2 : 47 a.m. How long was the movie?

### Question 12 of 41

Write 2311 in expanded form.

### Question 13 of 41

Write the number for *forty-three thousand nine hundred eighty-eight*.

**Question 14 of 41**

Add.

$$\begin{array}{r} 433 \\ + 73 \\ \hline \end{array}$$

**Question 15 of 41**

Add.

$$\begin{array}{r} 717 \\ 83 \\ + 6325 \\ \hline \end{array}$$

**Question 16 of 41**

Subtract.

$$\begin{array}{r} 46 \\ - 29 \\ \hline \end{array}$$

**Question 17 of 41**

Subtract.

$$403 - 266$$

**Question 18 of 41**

Martina has 450 beads and Mai has 282 beads.

How many beads do Martina and Mai have together?

**Question 19 of 41**

Multiply.

$$\begin{array}{r} 36 \\ \times 6 \\ \hline \end{array}$$

**Question 20 of 41**

Multiply.

$$\begin{array}{r} 44 \\ \times 12 \\ \hline \end{array}$$

**Question 21 of 41**

Multiply.

$$\begin{array}{r} 307 \\ \times 56 \\ \hline \end{array}$$

**Question 22 of 41**

Divide.

$$3 \overline{)441}$$

**Question 23 of 41**

Divide. Give the quotient and remainder.

$$159 \div 7$$

**Question 24 of 41**

There are 217 basketball fans who plan to go to a game. How many buses will be needed, given that each bus can hold 32 fans?

**Question 25 of 41**

Tom has a bookcase with 40 books. There are 5 shelves in the bookcase. Each shelf has the same number of books. How many books does each shelf have?

**Question 26 of 41**

Order these numbers from least to greatest.

500,654    8,353    98,931    5,983

**Question 27 of 41**

Round 89 to the nearest ten.

**Question 28 of 41**

Round 48,959 to the nearest ten thousand.

**Question 29 of 41**

There are 9 circles. What fraction of the circles are shaded?

**Question 30 of 41**

Add.

$$\frac{3}{7} + \frac{2}{7}$$

**Question 31 of 41**

Subtract. Write your answer as a mixed number in simplest form.

$$3\frac{8}{9} - 2\frac{7}{9}$$

**Question 32 of 41**

Add.

$$\begin{array}{r} 15.1 \\ + 12.695 \\ \hline \end{array}$$

**Question 33 of 41**

Subtract.

$$\begin{array}{r} 3.73 \\ - 2.026 \\ \hline \end{array}$$

**Question 34 of 41**

Multiply.

$$1000 \times 3.889$$

**Question 35 of 41**

Multiply.

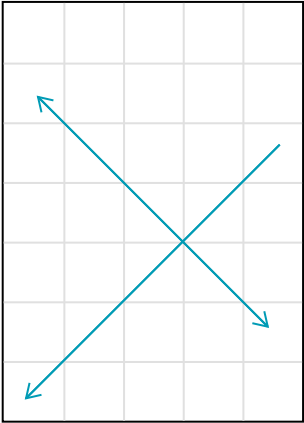
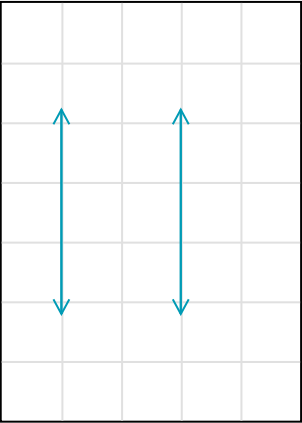

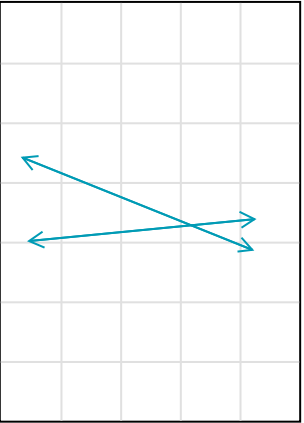
$$\begin{array}{r} 3.32 \\ \times 7 \\ \hline \end{array}$$

**Question 36 of 41**

Rachel went on a vacation for 6 weeks last summer. How many days long was Rachel's vacation?

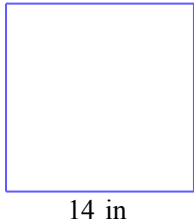
Question 37 of 41

Are the two lines parallel, perpendicular, or neither?

Graph 1	Graph 2	Graph 3	Graph 4
			
<div><input type="radio"/> Parallel</div> <div><input type="radio"/> Perpendicular</div> <div><input type="radio"/> Neither</div>	<div><input type="radio"/> Parallel</div> <div><input type="radio"/> Perpendicular</div> <div><input type="radio"/> Neither</div>	<div><input type="radio"/> Parallel</div> <div><input type="radio"/> Perpendicular</div> <div><input type="radio"/> Neither</div>	<div><input type="radio"/> Parallel</div> <div><input type="radio"/> Perpendicular</div> <div><input type="radio"/> Neither</div>

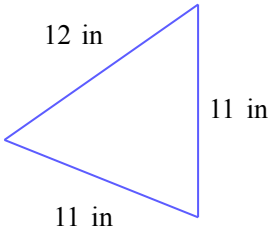
Question 38 of 41

Find the perimeter of the square. Be sure to write the correct unit in your answer.



Question 39 of 41

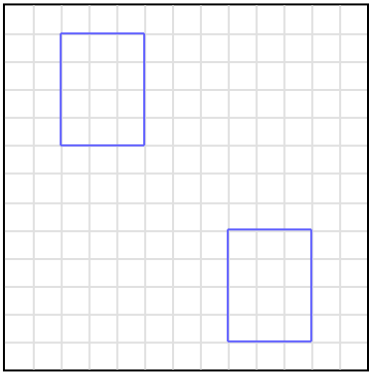
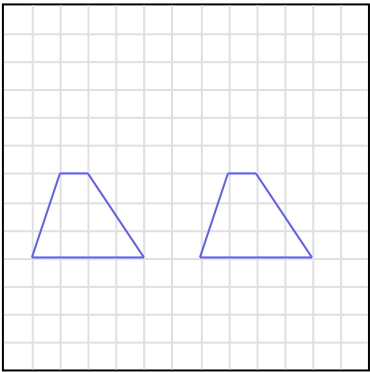
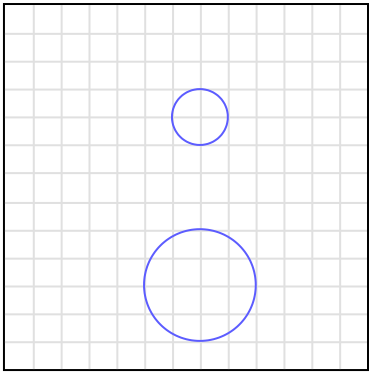
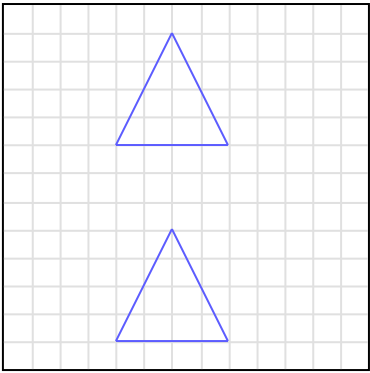
Find the perimeter of the following polygon. Be sure to include the correct unit in your answer.





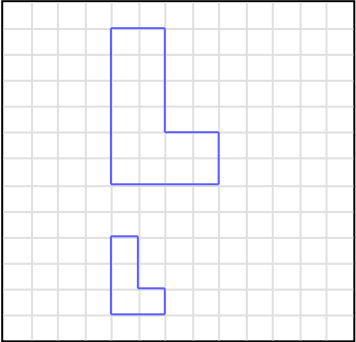
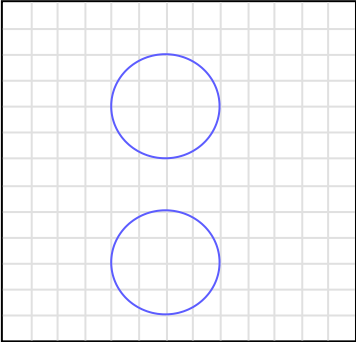
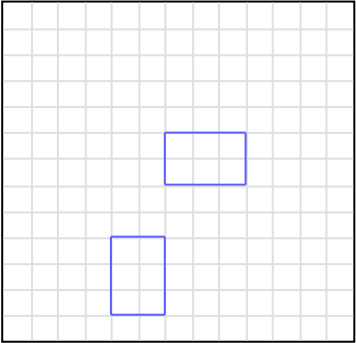
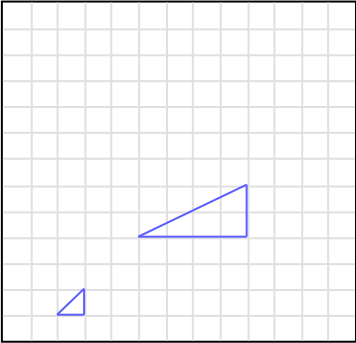
Question 40 of 41

Which pairs of figures below are congruent?

		
Congruent?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
		
Congruent?	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

Question 41 of 41

Which pairs of figures are congruent? Which pairs are similar?

	
<p>Congruent? <input type="radio"/> Yes <input type="radio"/> No</p> <p>Similar? <input type="radio"/> Yes <input type="radio"/> No</p>	<p>Congruent? <input type="radio"/> Yes <input type="radio"/> No</p> <p>Similar? <input type="radio"/> Yes <input type="radio"/> No</p>
	
<p>Congruent? <input type="radio"/> Yes <input type="radio"/> No</p> <p>Similar? <input type="radio"/> Yes <input type="radio"/> No</p>	<p>Congruent? <input type="radio"/> Yes <input type="radio"/> No</p> <p>Similar? <input type="radio"/> Yes <input type="radio"/> No</p>

Number of Questions: **41**

**Question 1 of 41**

2700

**Question 2 of 41**

34,000

**Question 3 of 41**

(a) Keisha estimates this product by computing  $4 \times 70$ .  
What is her estimate?

$$4 \times 70 = 280$$

(b) John estimates this product by computing  $4 \times 80$ .  
What is his estimate?

$$4 \times 80 = 320$$

(c) Whose estimate is closer to  $4 \times 75$ ?

- ☐ Keisha's estimate is closer
- ☐ John's estimate is closer
- ☒ Their estimates are equally close

Question 4 of 41

(a) Choose the division that gives a better estimate of  $314 \div 5$ . Then, fill in the estimate.

☒  $300 \div 5 = 60$

☐  $350 \div 5 =$

(b) Is the correct estimate from part (a) an *underestimate* or an *overestimate*?

☒ It is an underestimate because it is less than  $314 \div 5$ .

☐ It is an overestimate because it is greater than  $314 \div 5$ .

Question 5 of 41

	275	510	511	None of these
(a) Which numbers are divisible by 5?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Which numbers are divisible by 10?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(c) Which numbers are divisible by 2?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Question 6 of 41

	295	203	240	None of these
(a) Which numbers are divisible by 9?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(b) Which numbers are divisible by 3?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Question 7 of 41

1, 5, 25

Question 8 of 41

ones: 9  
hundredths: 5  
thousandths: 1

**Question 9 of 41**

50.60

**Question 10 of 41**

7 : 28

p.m.

**Question 11 of 41**

3 hour(s) and 10 minute(s)

**Question 12 of 41**

$2311 = 2000 + 300 + 10 + 1$

**Question 13 of 41**

43,988

**Question 14 of 41**

506

**Question 15 of 41**

7125

**Question 16 of 41**

17

**Question 17 of 41**

137

**Question 18 of 41**

732 beads

**Question 19 of 41**

216

**Question 20 of 41**

528

**Question 21 of 41**

17,192

**Question 22 of 41**

147

**Question 23 of 41**

Quotient: 22

Remainder: 5

**Question 24 of 41**

7 buses

**Question 25 of 41**

8 books

**Question 26 of 41**

$5,983 < 8,353 < 98,931 < 500,654$

**Question 27 of 41**

90

**Question 28 of 41**

50,000

**Question 29 of 41**

$$\frac{2}{9}$$

**Question 30 of 41**

$$\frac{5}{7}$$

**Question 31 of 41**

$$1\frac{1}{9}$$

**Question 32 of 41**

27.795

**Question 33 of 41**

1.704

**Question 34 of 41**

3889

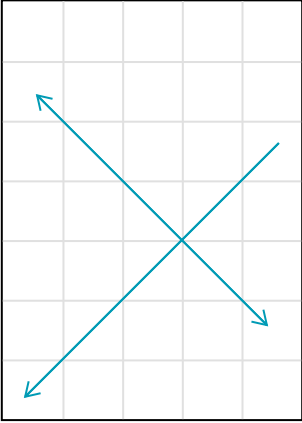
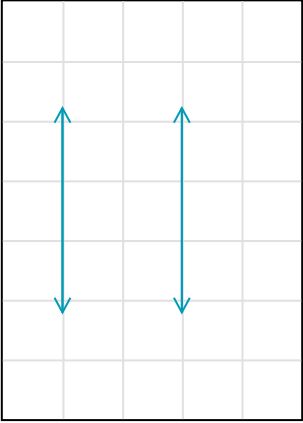
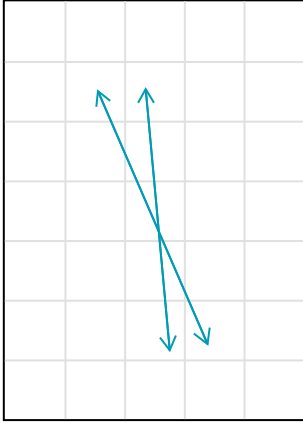
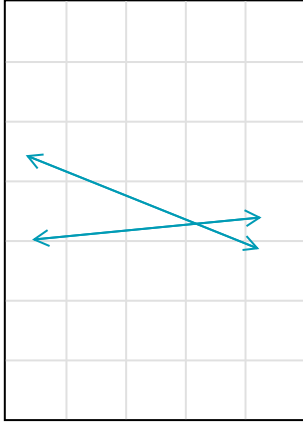
**Question 35 of 41**

23.24

**Question 36 of 41**

42 days

Question 37 of 41

<p>Graph 1</p>  <p>Perpendicular</p>	<p>Graph 2</p>  <p>Parallel</p>	<p>Graph 3</p>  <p>Neither</p>	<p>Graph 4</p>  <p>Neither</p>
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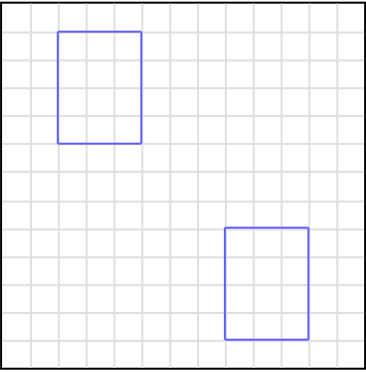
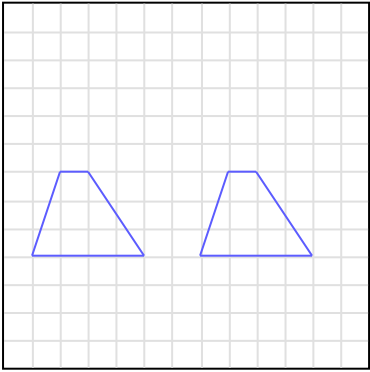
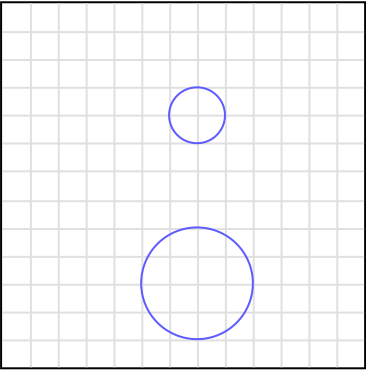
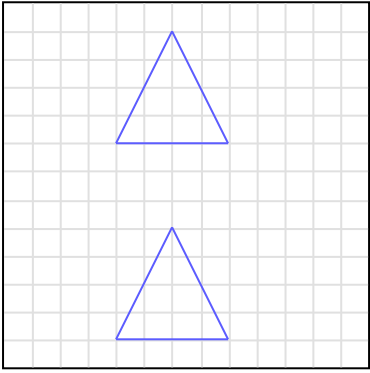
56 in

Question 39 of 41

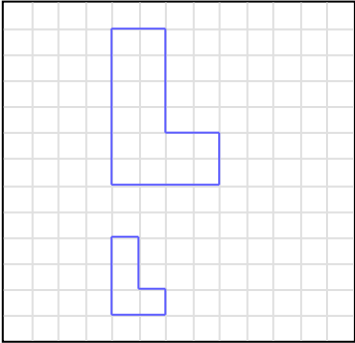
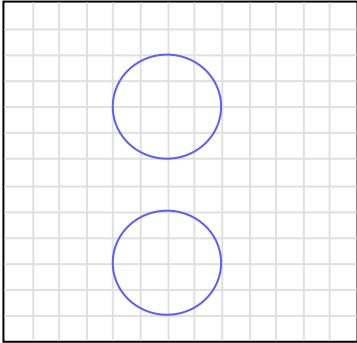
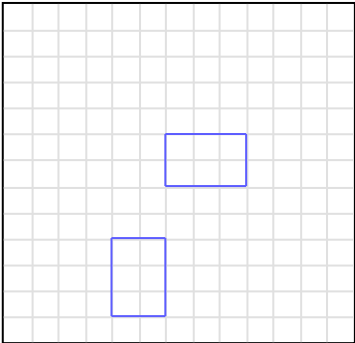
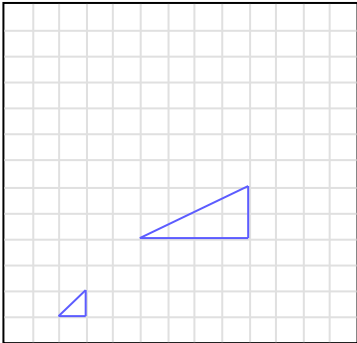
34 in



Question 40 of 41

		
Congruent?	<input checked="" type="radio"/> <u>Yes</u> <input type="radio"/> No	<input checked="" type="radio"/> <u>Yes</u> <input type="radio"/> No
		
Congruent?	<input type="radio"/> Yes <input checked="" type="radio"/> <u>No</u>	<input checked="" type="radio"/> <u>Yes</u> <input type="radio"/> No

Question 41 of 41

	
<p>Congruent? <input type="radio"/> Yes <input checked="" type="radio"/> <u>No</u></p> <p>Similar? <input checked="" type="radio"/> <u>Yes</u> <input type="radio"/> No</p>	<p>Congruent? <input checked="" type="radio"/> <u>Yes</u> <input type="radio"/> No</p> <p>Similar? <input checked="" type="radio"/> <u>Yes</u> <input type="radio"/> No</p>
	
<p>Congruent? <input checked="" type="radio"/> <u>Yes</u> <input type="radio"/> No</p> <p>Similar? <input checked="" type="radio"/> <u>Yes</u> <input type="radio"/> No</p>	<p>Congruent? <input type="radio"/> Yes <input checked="" type="radio"/> <u>No</u></p> <p>Similar? <input type="radio"/> Yes <input checked="" type="radio"/> <u>No</u></p>