

Name: _____

If a number is decreased by 40, the result is 5. What is the number?

Eight times a number, decreased by sixty-two, equals fifty. What is the number?

Thirteen less than a number is forty-two. What is the number?

Eight more than 9 times a number is 53. What is the number?

Name: _____

Cross off the number that does NOT belong.

34, 42, 51, 61, 72, 84, 97, 101, 111, 126, 142, 159, 177, 196, 216

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

(711,527,258,982), (41,854,544,646), (2,462,032,038),

(144,825,414), (8,519,142), (1,795,294), (501,126),

(29,478), (1,734), (102)

Why does _____ not belong in the pattern?

Name: _____

Nathan bought a book of Etheridge Knight's poems. It was a small book and only cost \$7.78. If Nathan and his sister each paid half of the price of the book, how much did each pay?

Mrs. Clark gave each of her 3 children an equal amount of money to spend at the beach. She gave them \$17.34 in all. How much money did each child get?

Anne has a messy desk. She has a total of 43 markers, pens, and pencils.

She has 3 times as many markers as pens.

She also has 3 more pencils than pens.

How many markers does she have?

How many pens does she have?

How many pencils does she have?

Maria has 55 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

Name: _____

Match each pattern to its rule.

- 8.7

33.2, 24.9, 16.6, 8.3

- 8.2

- 8.8

3.8, 12.3, 20.8, 29.3

- 8.9

- 8.4

26.7, 18.5, 10.3, 2.1

30.9, 22.1, 13.3, 4.5

29.2, 20.5, 11.8, 3.1

35, 26.6, 18.2, 9.8

28, 19.1, 10.2, 1.3

+ 8.5

- 8.3

Change $\frac{32}{50}$ to a decimal.

$$\begin{array}{r} 0.16 \\ \times \quad 8 \\ \hline \end{array}$$

$$2 \overline{)7.6}$$

Is circumscriptive a composite or a prime number?

$$27 \div 9 =$$

How many total legs are on 9 elephants?

$$1 + 10 - 8 + 11$$

Round 115 to the nearest ten.

How many total legs are on 13 ants?

Name: _____

<p>Hannah is learning to be a juggler. She bought 6 juggling balls for \$1.41 each, 2 scarves for \$2.25 each, and a top hat for \$8.91. How much money did she spend in all?</p>	<p>Anne made 18 hamburgers for her birthday party. She put lettuce and tomato on $\frac{1}{3}$ of them. She put onions and pickles on the rest of the hamburgers. How many hamburgers had lettuce and tomato on them?</p>	<p>It was such pandemonium! On Friday, 299 students brought their pets to school. A third of the pets were dogs. How many were not dogs?</p>
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<p>1 cm = 10 mm 20 cm = _____ mm</p>	<p>Write this as a number in standard form. Use a comma in your number. seven hundred sixty thousand, nine hundred ninety-two _____</p>	$\begin{array}{r} 76 \\ - 17 \\ \hline \end{array}$
---	---	---

<p>Jenna wrote down a fraction on a piece of paper. If you take her fraction and multiply it by five you get thirteen. Can you guess what her fraction is?</p>	$\begin{array}{r} 614 \\ - 562 \\ \hline \end{array}$	<p>12 lb = _____ oz</p>
		$\begin{array}{r} 431 \\ + 470 \\ \hline \end{array}$

<p>In each group, circle the word that is spelled correctly. advertisement, advertisment apparell, apparel awkwerd, awkward</p>	<p>How many inches are in 8 feet? _____ inches</p>
--	---

Name: _____

$5 \times 10 =$	Circle the smallest number: 4,172,920 74,801,680 149,578,633,592 80,536	$\begin{array}{r} 49 \\ + 37 \\ \hline \end{array}$
-----------------	---	---

The circus is in town! Tickets are only \$4 for kids. Adults need to pay double the price of kids tickets. Hannah is bringing three of her friends in her class. Her mom is also coming. Hannah wants to pay for everyone. How much will she need to pay?	Circle the answer that best completes the sentence. My father said that I (may/must) have ice cream tonight after dinner.
	For 2,405,918,554, write the digit that is in the hundred thousands place. _____

Holly wants to call Jessica. Jessica is on vacation in Asia. It is a time difference of ten hours. Jessica's time is always later than Holly's time. If it is 7:21 P.M. where Holly lives, then what time is it where Jessica is? _____	Maria was given three numbers: 1, 3, and 5. She needs to use two of these numbers to make a fraction. Can she make a fraction that is greater than four-fifths?
--	---

Emma has two favorite numbers. If you add her favorite numbers, you get 21. If you multiply her favorite numbers, you get 90. What are her mystery numbers? _____	Write the missing family fact. $4 \times 18 = 72$ $72 \div 4 = 18$ $18 \times 4 = 72$ _____
--	---

Name: _____

Austria, Finland, Switzerland, and South Korea were awarded gold (8, 7, 9, and 3), silver (8, 9, 6, and 3), and bronze (3, 8, 9, and 7) medals. Figure out how many of each type of medals were won by each of the four countries.

For example, country x may have won 8 gold, 6 silver, and 8 bronze medals. However, if country x won 8 gold medals, that means country z did not win 8 gold medals. Instead, country z may have won 7 gold medals.

Use the clues to figure out the number of medals awarded to each country.

1. Finland won two gold medals in cross-country skiing as well as three gold medals in speed skating.
2. Austria won a total of twenty-one medals.
3. One country won three silver medals. The same country also won three gold medals.
4. South Korea won a total of nineteen medals.
5. Austria won the most silver medals.
6. South Korea won either six or eight silver medals.
7. Finland won the fewest silver medals.
8. Switzerland won fewer silver medals than gold medals. Switzerland also won fewer silver medals than bronze medals.
9. Austria won either eight or nine bronze medals.
10. One country won an odd number of bronze medals and eight silver medals.
11. Switzerland won either seven or eight gold medals.
12. One country won an odd number of bronze medals and six silver medals.

Austria won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Finland won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Switzerland won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

South Korea won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Name: _____

1 is written with an I.

5 is written with a V.

10 is written with an X.

50 is written with an L.

100 is written with a C.

You cannot have 4 of the same letter consecutively.

4 is written as IV.

9 is written as IX.

40 is written as XL.

So you cannot write 44 like this: XXXIIIII.

But you would write 44 like this: XLIV.

Write the number as a Roman numeral and then find the Roman numeral.

Roman Numerals

I = _____

IV = _____

V = _____

IX = _____

XI = _____

XIV = _____

XVI = _____

XIX = _____

XLII = _____

2 _____
IVXIIIXVIIIX
VIIIIIXIVIX

3 III _____
VIIIIIVXXXI
XIXIIIIIXIIIX

8 _____
IIVIIIXIIVX
XIIIXVIIIXV

6 _____
IXVIXLIXIII
XXXVIIIXVIX

11 _____
XLVIIIXIIVLX
XVIIIXIVIXL

9 _____
XXXVIIIIIXV
XIXXLVIXXV

13 _____
XIIIXVIIIVLI
VXIIIXXIXV

7 _____
XIVIIIVIXIV
IIIIVIIIXXVI

44 XLIV _____
IXXLIVXLIIX
XLIVXXXVII

22 _____
IXXIIIXIXXIL
XXXIXXXIIXX

39 _____
VIXXXIXVIX
XXXIXXLXXII

42 _____
XXXIXXLIIVL
IXXXIIXLIIXI

32 _____
IIVIIIXXXII
VXXXIIXIIXX

54 _____
IILIVVXLVI
XLVILIVIIIX

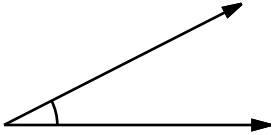
14 _____
IVVXXIVIII
XLIIXIVIXVI

58 _____
VLVIIIVIIII
VXXXIILVIII

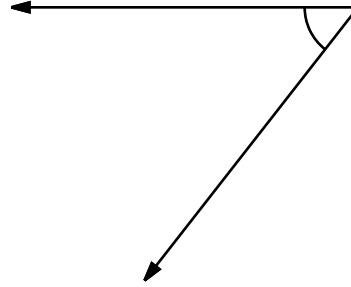
Name: _____

How large is the angle? First, make a guess and write your estimate in degrees.
Then, actually measure it to see how close your guess was.

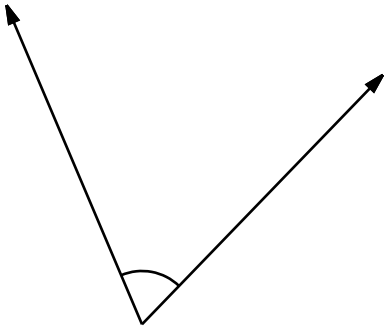
Hint: Try guessing between
17 and 41 degrees.



Guess first: _____ Measure: _____



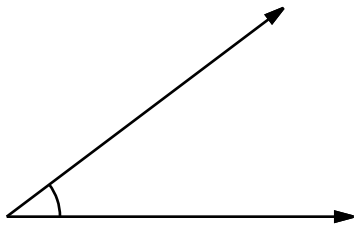
Guess first: _____ Measure: _____



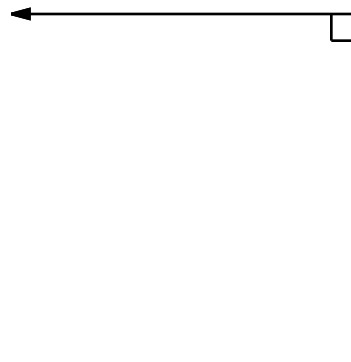
Guess first: _____ Measure: _____



Guess first: _____ Measure: _____



Guess first: _____ Measure: _____



Guess first: _____ Measure: _____

Name: _____

Cross off the number that does NOT belong.

4, 8, 12, 16, 20, 21, 24, 28, 32

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

3, 36, 39, 248, 468, 471

Why does _____ not belong in the pattern?

Name: _____

Use mental math to quickly solve.

$0.74 \div 10 = \underline{\hspace{2cm}}$

$62.52 \div 10 = \underline{\hspace{2cm}}$

$43.72 \div 10 = \underline{\hspace{2cm}}$

$0.895 \div 10 = \underline{\hspace{2cm}}$

$73.6 \div 100 = \underline{\hspace{2cm}}$

$8,208.9 \div 100 = \underline{\hspace{2cm}}$

$53.49 \div 10 = \underline{\hspace{2cm}}$

$0.23 \div 10 = \underline{\hspace{2cm}}$

$412.1 \div \underline{\hspace{2cm}} = 4.121$

$286.1 \div \underline{\hspace{2cm}} = 2.861$

$995.9 \div 100 = \underline{\hspace{2cm}}$

$74.88 \div \underline{\hspace{2cm}} = 7.488$

$\underline{\hspace{2cm}} \div 10 = 0.0591$

$862.1 \div \underline{\hspace{2cm}} = 8.621$

$3 \overline{) 2.1}$

$4 \overline{) 1.08}$

$2 \overline{) 2.4}$

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.

A hexagonal grid with 4 rows. Row 1: 43. Row 2: two empty hexagons. Row 3: 10, followed by two empty hexagons. Row 4: 7, 3, 6, 9. Two arrows point from the hexagons containing 7 and 3 to the hexagon containing 10.

A hexagonal grid with 4 rows. Row 1: 63. Row 2: 31, followed by one empty hexagon. Row 3: two empty hexagons. Row 4: 9, 7, 8, 9.

A hexagonal grid with 5 rows. Row 1: 108. Row 2: two empty hexagons. Row 3: two empty hexagons. Row 4: 11, followed by two empty hexagons. Row 5: 6, 9, 7, 4, 8.

A hexagonal grid with 5 rows. Row 1: one empty hexagon. Row 2: one empty hexagon. Row 3: 15, followed by two empty hexagons. Row 4: 6, followed by one empty hexagon, then 12, followed by one empty hexagon. Row 5: one empty hexagon, then 2, 7, 5, followed by one empty hexagon.

A hexagonal grid with 5 rows. Row 1: 102. Row 2: two empty hexagons. Row 3: one empty hexagon, then 23, then one empty hexagon. Row 4: two empty hexagons. Row 5: 9, 9, 3, 8, 7.



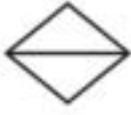

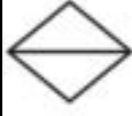


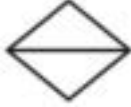



A hexagonal grid with 5 rows. Row 1: one empty hexagon. Row 2: one empty hexagon. Row 3: 50, 47. Row 4: 13, followed by two empty hexagons. Row 5: 5, 8, followed by one empty hexagon, then 6, 6.

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

1	5	4			
3	6	2	5		1
4					2
			1		
		5	4	2	

Each row, column, and box must have 6 different pictures.

Name: _____

80 cents is the same as

1 quarter, 3 dimes, 5 nickels

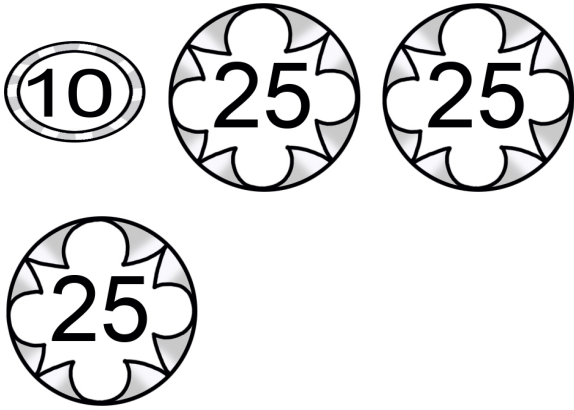
2 quarters, 3 dimes, 3 nickels

One dollar bill is the same as

2 quarters, 2 dimes, 6 nickels

6 quarters, 3 dimes, 2 nickels

Anne wants to buy a snack for \$0.60. Does she have enough money?



No

Yes

How much?



85 cents is the same as

1 quarter, 3 dimes, 2 nickels

6 dimes, 5 nickels

Two dollar bills is the same as

6 quarters, 2 dimes, 2 nickels

5 quarters, 3 dimes, 9 nickels

Name: _____

Jessica likes to run. She used a running app on her phone in December. During the month, she ran an average of 2.6 miles per day. How many miles did she run for the entire month?

Fill in the missing numbers.

The number 1,000 times 7,957 = _____

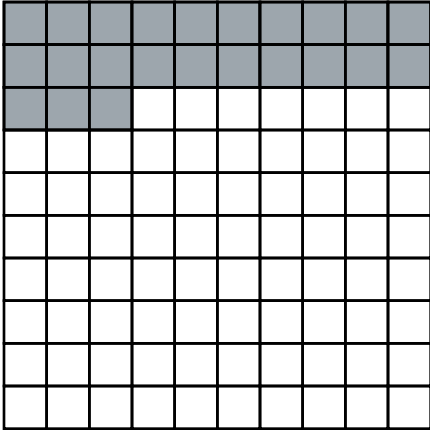
The number ten thousand times 7,957 = _____

The number 1,000 times 7.957 = _____

Holly and Pam are at the paint store. They want to paint 2 rooms in their house. Each room has 350 square feet of wall to be painted. "How much paint do you think we should get?" Holly asks Pam.

"This 1 gallon of paint says it should be enough to cover 220 square feet," replies Pam. How many gallons should they get? The store only sells whole gallons.

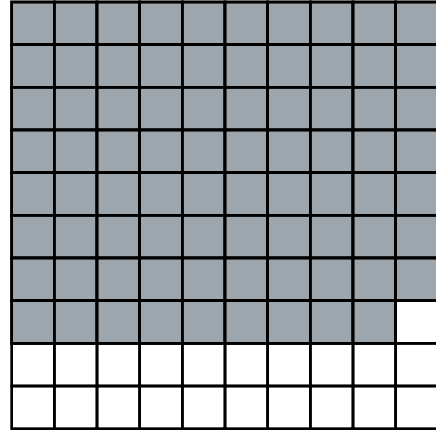
Name: _____



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.

$$\frac{45}{100} = \text{_____} \%$$

$$\frac{27}{100} = \text{_____} \%$$

$$\frac{4}{100} = \text{_____} \%$$

$$36 \text{ out of } 100 = \text{_____} \%$$

$$44 \text{ out of } 100 = \text{_____} \%$$

$$0.76 = \text{_____} \% \quad 0.39 = \text{_____} \%$$

$$0.67 = \text{_____} \% \quad 0.2 = \text{_____} \%$$

$$0.02 = \text{_____} \% \quad 0.1 = \text{_____} \%$$

$$0.8 = \text{_____} \% \quad 0.51 = \text{_____} \%$$

$$0.09 = \text{_____} \% \quad 0.4 = \text{_____} \%$$

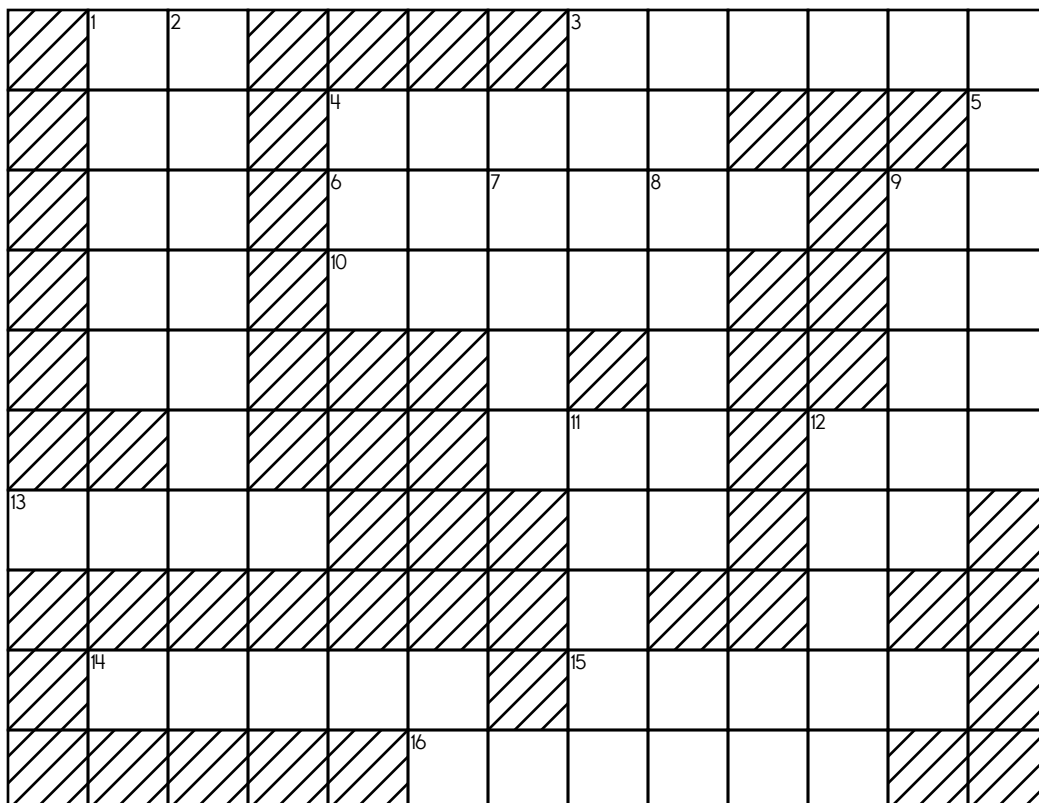
Name: _____

ACROSS

DOWN

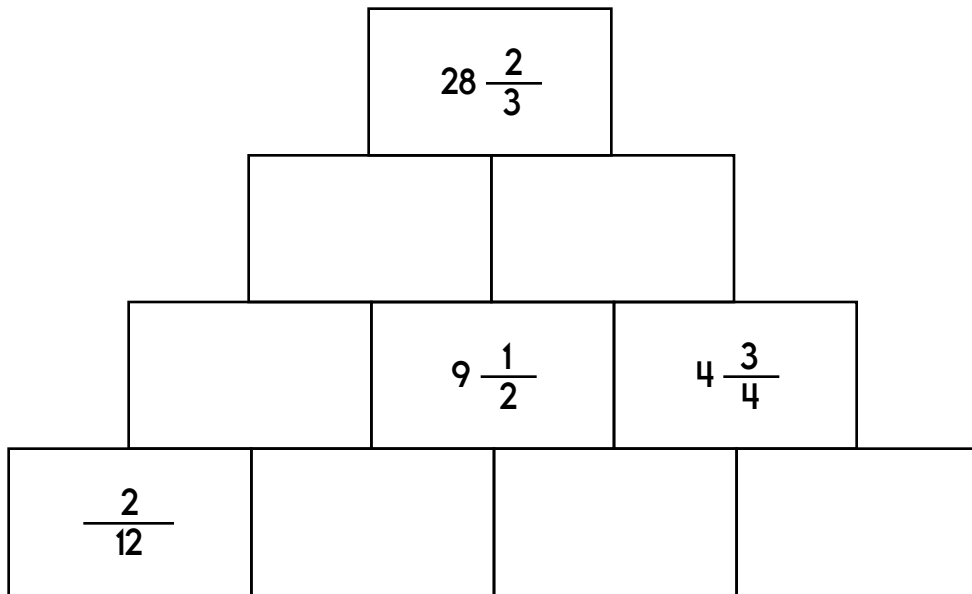
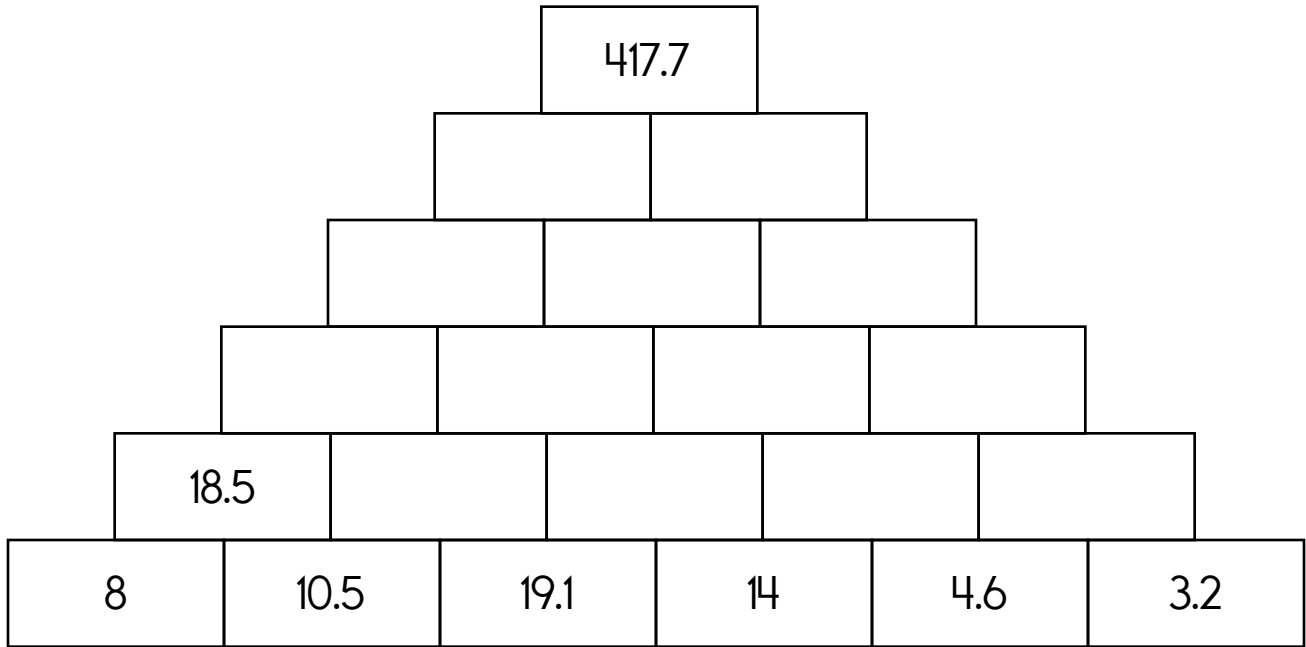
3. the hundreds in 8-Down + the tens in 1-Down + the ten thousands in 15-Across + the hundred thousands in 6-Across
4. the hundreds in 5-Down + the tens in 1-Down + the ten thousands in 8-Down
6. **five hundred twenty-five thousand, seven hundred twenty-one**
10. the hundreds in 7-Down + the tens in 12-Down + the ten thousands in 1-Down
13. the thousands in 11-Down + the hundreds in 7-Down + the tens in 4-Across
14. the hundreds in 12-Down + the ten thousands in 4-Across + the thousands in 7-Down
15. the tens in 7-Down + the ones in 16-Across + the ten thousands in 12-Down + the hundreds in 8-Down
16. the tens in 10-Across + the ones in 7-Down + the hundred thousands in 6-Across

1. ninety thousand, four hundred eighty-four
2. seven million, two hundred thirty-six thousand, seventy-eight
4. Its digits total 16
5. the ten thousands in 9-Down + the tens in 6-Across + the ones in 7-Down + the hundreds in 12-Down
7. five thousand, four hundred eighty-six
8. the ten thousands in 6-Across + the tens in 7-Down + the hundreds in 1-Down
9. the ten thousands in 8-Down + the ones in 7-Down + the hundreds in 12-Down + the tens in 1-Down
11. the thousands in 7-Down + the ten thousands in 8-Down + the tens in 6-Across
12. the hundreds in 1-Down + the tens in 8-Down + the ones in 7-Down + the ten thousands in 6-Across



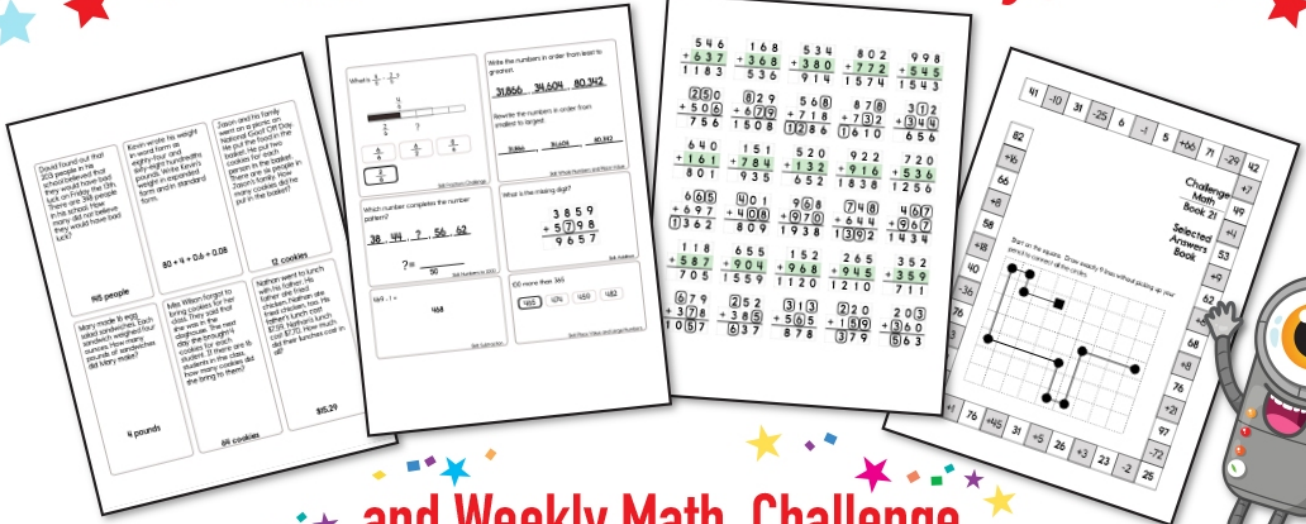
Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.

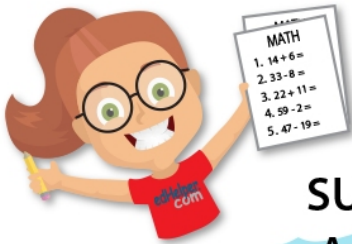


<p>Which is the smallest?</p> <p>$36.8 \div 4.3$ $36.8 \div 4.5$ $36.8 \div 4.4$</p>	<p>Write an equation to represent this:</p> <p>The product of nine and five is forty-five.</p> <p>_____</p>
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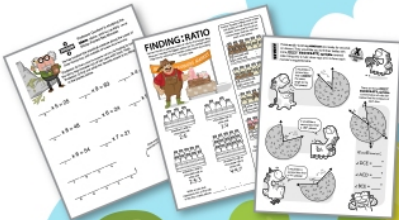
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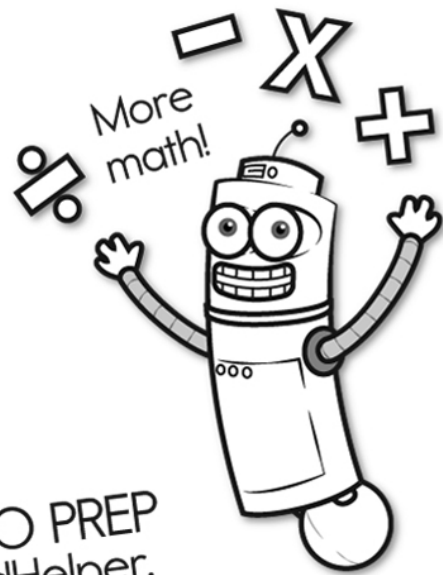
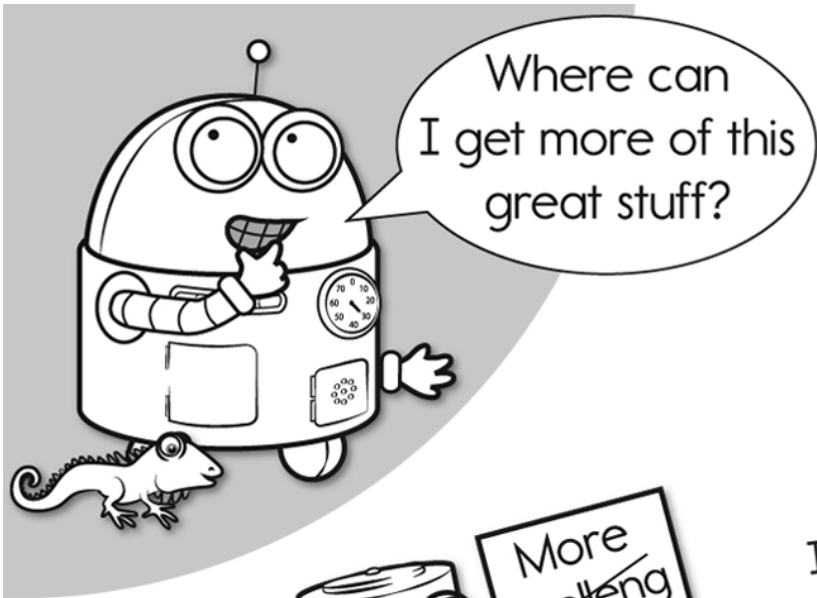
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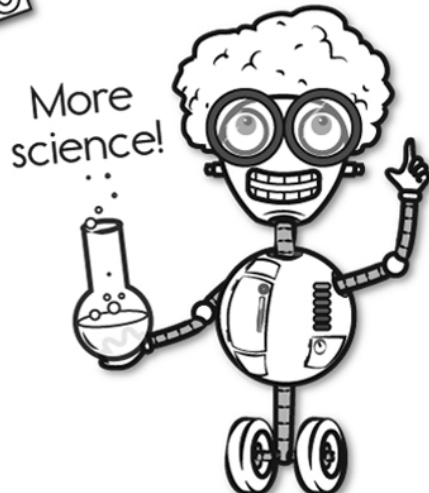
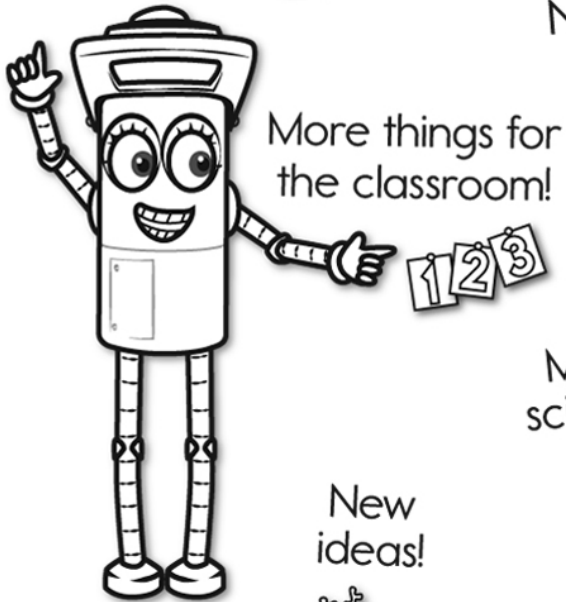
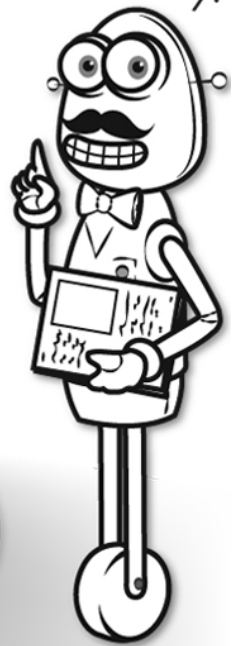
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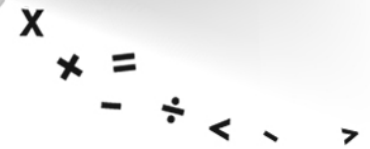


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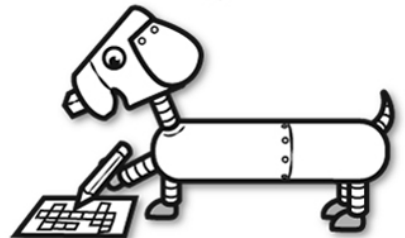
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