











Name: _____

Draw ONE continuous line that touches every box ONCE.
Count by 4.2s. Find the box with the number 4. Move up, down, right, or left.
Keep counting until you reach 335.8. Do not move into a spot with a picture.

1			100.6					314.8	310.6
2				---	-121.6-	-125.8			306.4
	83.8			113.2	---	---	335.8		
	---	---							

				---			184.6	---	
									
4									
8:2		---	---			---			272.8
			243.4	---	---	256-	---		

Mary planted a garden to grow her own vegetables for her meals. The garden is 25 feet long and 15 feet wide. What is the area of the garden?

Erin bought 4 pieces of framing to make a frame for a picture of her great grandmother taken at Ellis Island. The wood cost a total of \$10.40. If two of the pieces together cost \$5.32, and each of the other 2 pieces had the same cost, how much was each remaining piece?

$$\begin{array}{r} 434 \\ + 363 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 29 \\ \hline \end{array}$$

Name: _____

Draw a line from START to END.

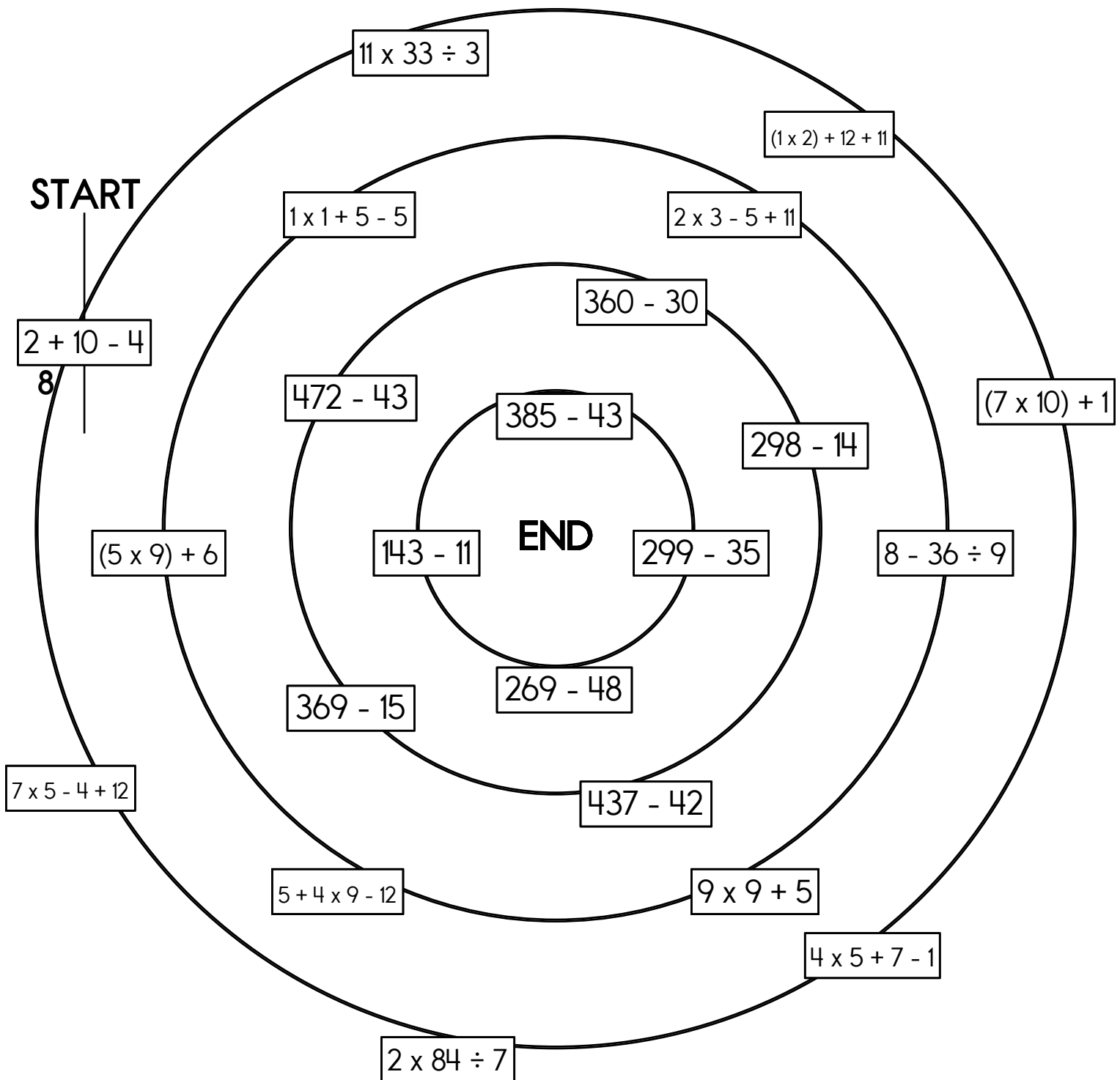
~~8~~

132

4

284

Cross out the number you use above and then write it below.

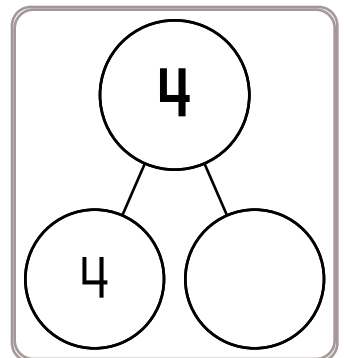
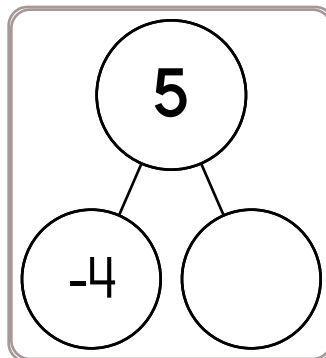
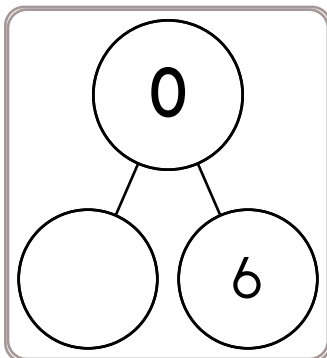
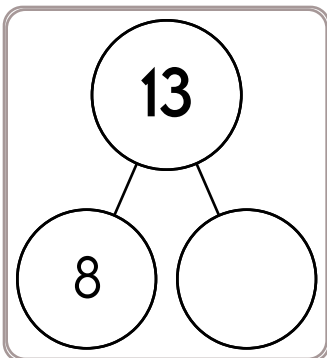
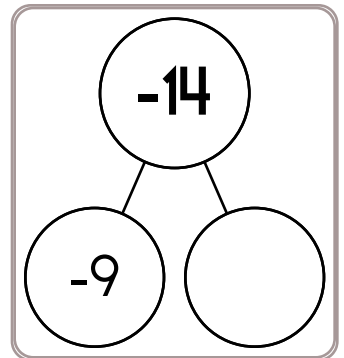
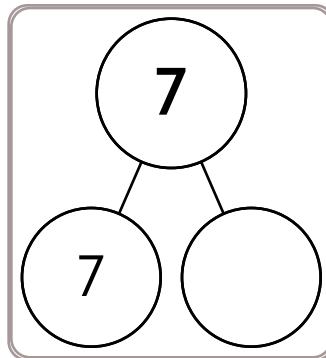
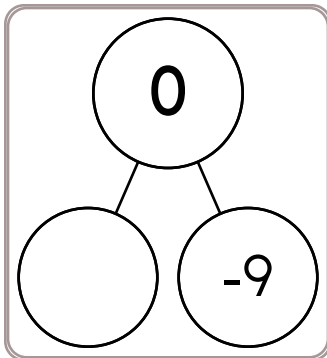
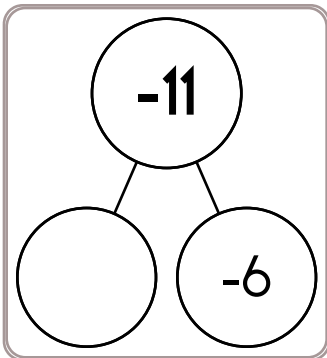
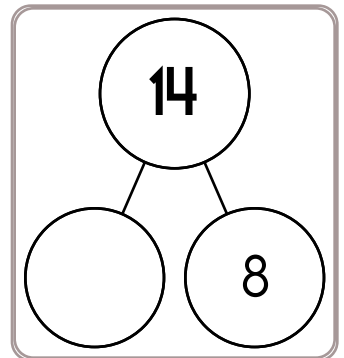
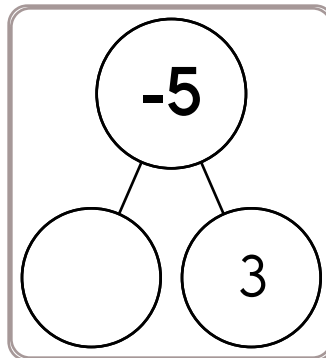
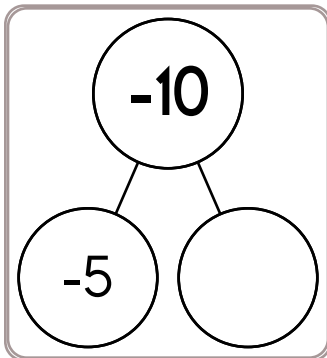
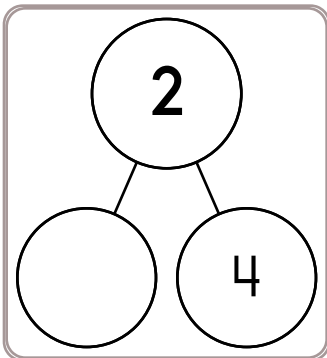
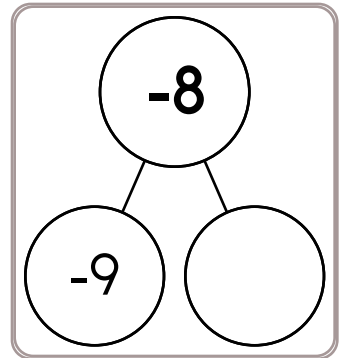
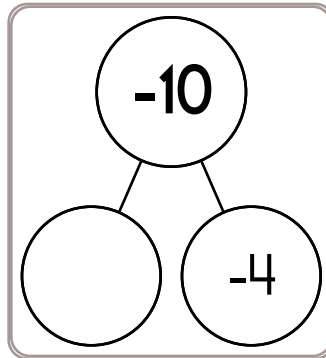
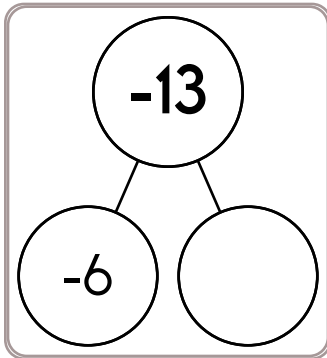
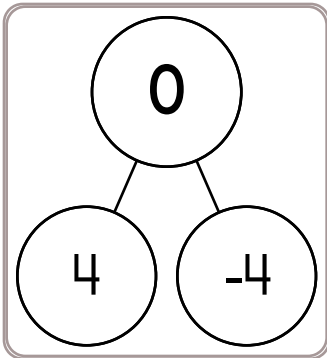




Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.



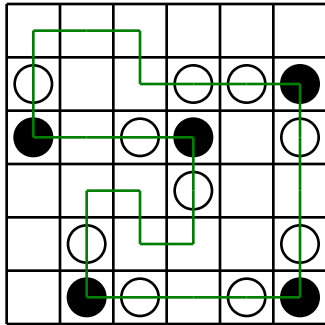
Name: _____

<p>Mr. Smith bought some paint to make birdhouses. He put the paint in smaller cans so each student in his class could have a can. Each can holds $1\frac{1}{4}$ pints of paint. He filled $13\frac{2}{3}$ small cans with the paint he bought. How many pints of paint did he buy?</p>	<p>Eight of the members of the Genealogy Club went on the field trip to the State Division of Vital Statistics. The other 20 members did their research in the library. What is the ratio of students that worked in the library to the total club membership?</p>	<p>Adam is buying bags of pretzel sticks and twisted pretzels. There are 18 pretzel sticks per bag and 25 twisted pretzels per bag. What is the least number of bags of pretzels he can buy to have the same number of each type of pretzel?</p>
---	--	--

<p>Jenna rolls a die. What is the chance of her rolling a 5?</p> <p>_____</p>	<p>1 kg = 1,000 g</p> <p>23 kg = _____ g</p>	<p>9 x 3 = _____</p>
---	--	----------------------

<p>You are given five cards. One card has the number 1 on it, another card has a 2, another card has a 3, another card has a 4, and the last card has the number 5 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?</p>	<p>108 ÷ 9 =</p>	<p>7 0 0 - 6 1 5</p>
	<p>7 2 - 1 2</p>	

Name: _____

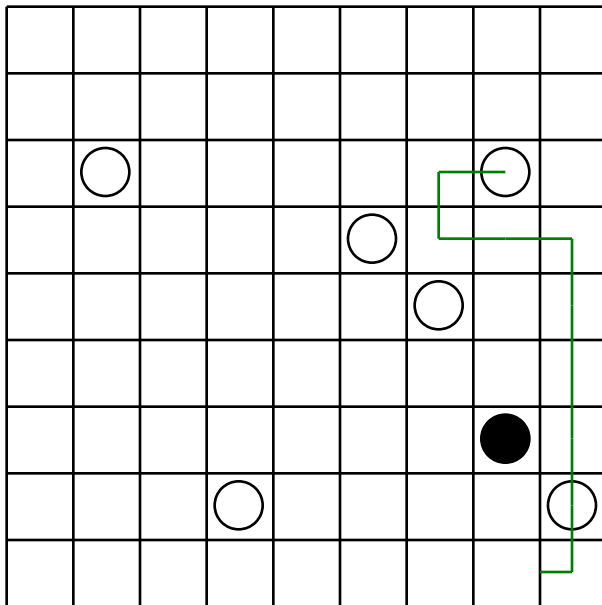


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

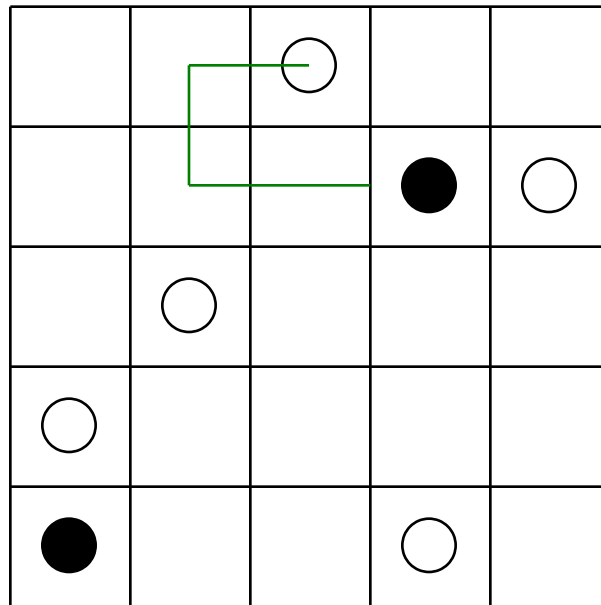
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



Can 369 be evenly divided by 9? Circle:

369 is evenly divisible by 9

369 is NOT evenly divisible by 9

How many centimeters are in 20 millimeters?

_____ centimeters

23 lb = _____ oz

$30 \div 3 =$ _____

What number is halfway between 4 and 15?

$11 \times 9 =$ _____

Name: _____

Sudoku Sums of 14

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 14.

Here is an example of a sudoku sum of 14:

4	10
---	----

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

$5,495 - 4,498 = \underline{\hspace{2cm}}$

$7 \times 3 = \underline{\hspace{2cm}}$

What time is 15 hours after
4:00 a.m.?

$60 \div 6 = \underline{\hspace{2cm}}$

$24 \div 4 = \underline{\hspace{2cm}}$

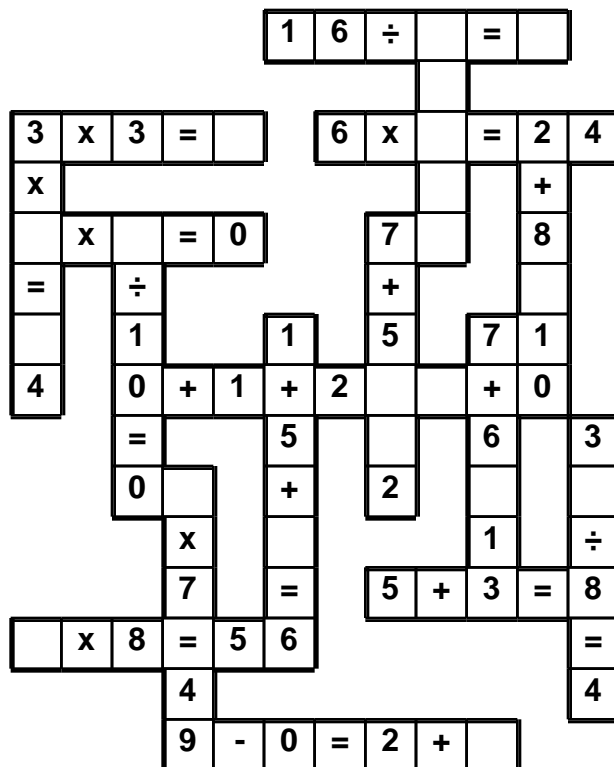
word root **vol** can mean **will or sigh**

benevolence, benevolent, volition

Name: _____

2 • 8 • + • 9 • 4 • = • 8 • 0 • 6 • = • 2 • = • 3 • 1 • 7 • =
2 • 0 • 7 • 7

Use the pieces above to help you fill in the runaway math puzzle.



$18 \div 6 =$ _____

$5 \times 12 =$ _____

The product of two consecutive whole numbers is 42. What are the two consecutive whole numbers?

You can buy 2 fancy pens for \$4 at the store. At this rate, what would be the cost of eight fancy pens?

$6 \times 9 =$ _____

$66 \div 11 =$ _____

$4 \times 10 =$ _____

Name: _____

$$2 - 1.5 =$$

Find the difference
between 25.5 and 2.2.

$$\begin{array}{r} 4.1 \\ - 2.81 \\ \hline \end{array}$$

Write as a percent.

$$\frac{1}{10}$$

Write the ratio as a
fraction in lowest terms.
9 nickels to 2 quarters

Change to a percent.
0.03

$$\begin{array}{r} 0.7 \\ \times 3 \\ \hline \end{array}$$

$$2 \overline{)15.8}$$

Change $\frac{2}{4}$ to a
decimal.

Find the sum of 11, 15, and 39.

$$\begin{array}{r} 97,281 \\ - 5,346 \\ \hline \end{array}$$

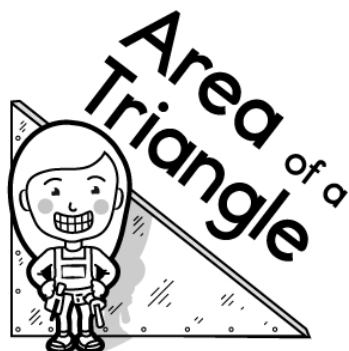
$$\begin{array}{r} 16 \\ + 35 \\ \hline \end{array}$$

$$10 \times -8 =$$

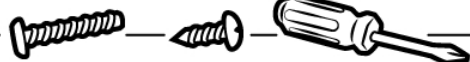
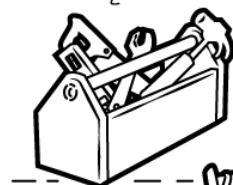
$$-8 + -7 =$$

$$-42 \div 7 =$$

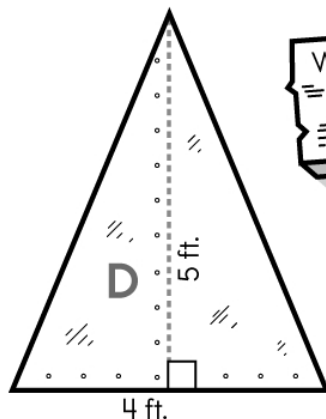
Name: _____



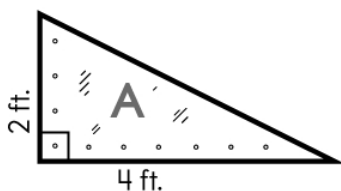
$$A = \frac{1}{2} \times b \times h$$



Write the equation
to find the area
and solve.



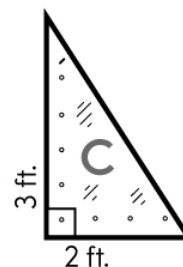
$$A = \underline{\hspace{2cm}} \text{ ft.}^2$$



$$A = \frac{1}{2} \times 4 \times 2$$

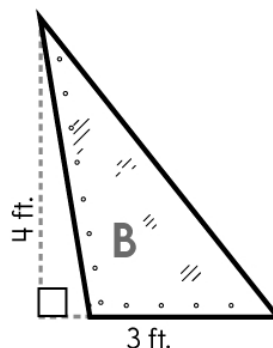
$$A = \underline{\hspace{2cm}} \text{ ft.}^2$$

Find the area of
each triangle.



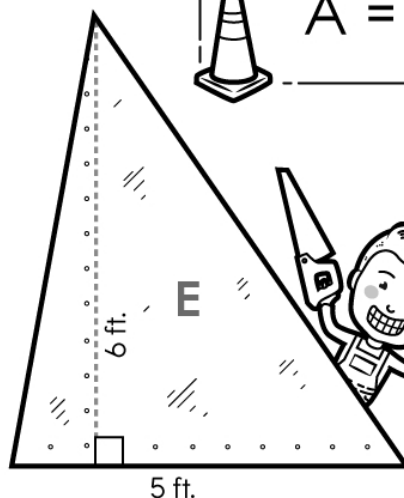
$$A = \frac{1}{2} \times \quad \times$$

$$A = \underline{\hspace{2cm}} \text{ ft.}^2$$

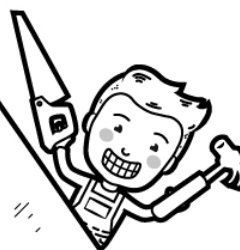


$$A = \frac{1}{2} \times \quad \times$$

$$A = \underline{\hspace{2cm}} \text{ ft.}^2$$



$$A = \underline{\hspace{2cm}} \text{ ft.}^2$$

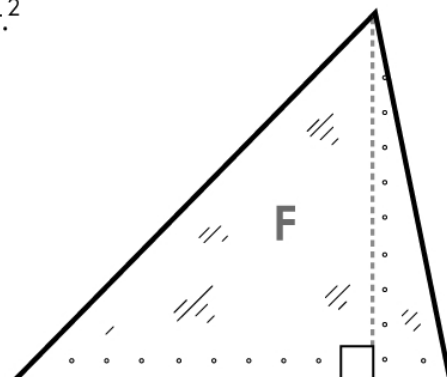
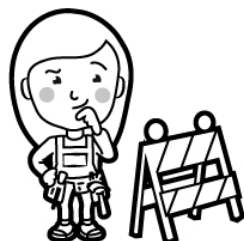


The area of triangle **F** is 12 ft.²

The base is 6 ft.

What is the height?

Label the triangle.



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: XXXXIIII.

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 = _____

VIII = _____

IX = _____

XII = _____

XIV = _____

XVII = _____

XIX = _____

XXXI = _____

3 _____
LXXXVIII
IIIXIXXIXIII

5 _____
XVXVXXXXXI
XIIIXIIIVXIXX

1 _____
XVIIIIVIXXI
VIIIVIXXXIV

7 VII
IIIIVIIIIVXXX
IVIIIXIIXVII

11 _____
XLVIIIIXXXI
XIXXXIIIXIII

10 _____
IXXVIIIVIIIV
VIXXVIIIIVV

12 _____
XIIIIVILVIII
XIVXIIIVIIIX

9 _____
IIXVXIXIIIX
XIXXXXXIIII

34 _____
XXXXXIVXVI
VIXXXIVVII

23 _____
XXXXIIIIIVXI
XXIIXXIIIXII

49 XLIX
IXLIXIIIVIV
XIIILIXLIXXI

27 _____
XXVIIIXXIV
XXVIIIXXIV

45 _____
XXIIIXLVVX
XIVIIIXLVV

52 _____
IIIXXXIILIII
ILIIXVIIIVII

41 _____
VIXLIXLVIII
IXXXXLIXIIII

56 _____
VLVIIIIVVII
ILVIXIIXIVI

Name: _____

Peter bought a gift for his father and flowers for his mother on Parent's Day. The gift for his father cost \$27.47 and the flowers for his mother cost \$28.75. The sales tax in his town is 5%. How much did Peter spend in all?

In Justin's class, 11 of the 18 students said they have been able to let it go when someone hurt them. What percentage of the students in Justin's class hasn't been able to let it go when someone hurt them? Round your answer to the nearest hundredth.

Ava has some one-foot square tiles she wants to put in her garden to use as stepping stones. Her garden is twenty-one feet long and six feet wide. She has thirty-three tiles. What percent of the garden will be unavailable for planting once she places the tiles in it? Round your answer to the nearest tenth of a percent.

Uh-oh, rats have moved into Mr. Bloop's backyard. If the colony has 4 members now but doubles in size every year, how many rats might there be in Mr. Bloop's backyard after five years?

Rewrite these in increasing order of length:

5 m, 584 mm, 41 cm, 559 dm, 393 km

$$11 \times 2 = \underline{\hspace{2cm}}$$

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

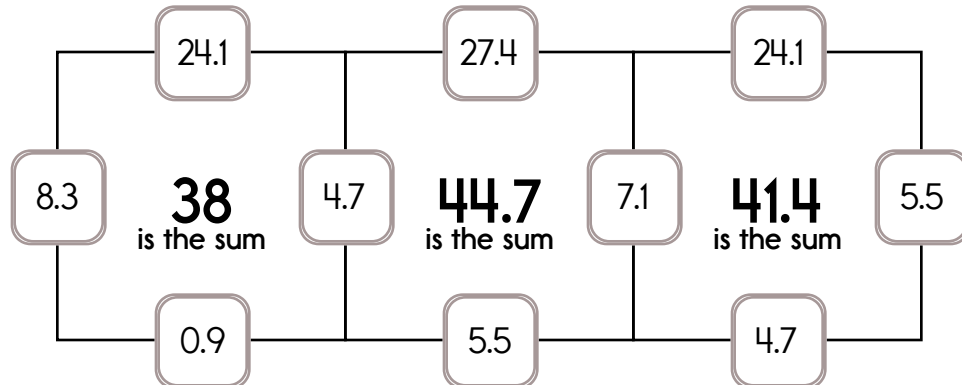
Example:

$$8.3 + 4.7 + 24.1 + 0.9 = 38$$

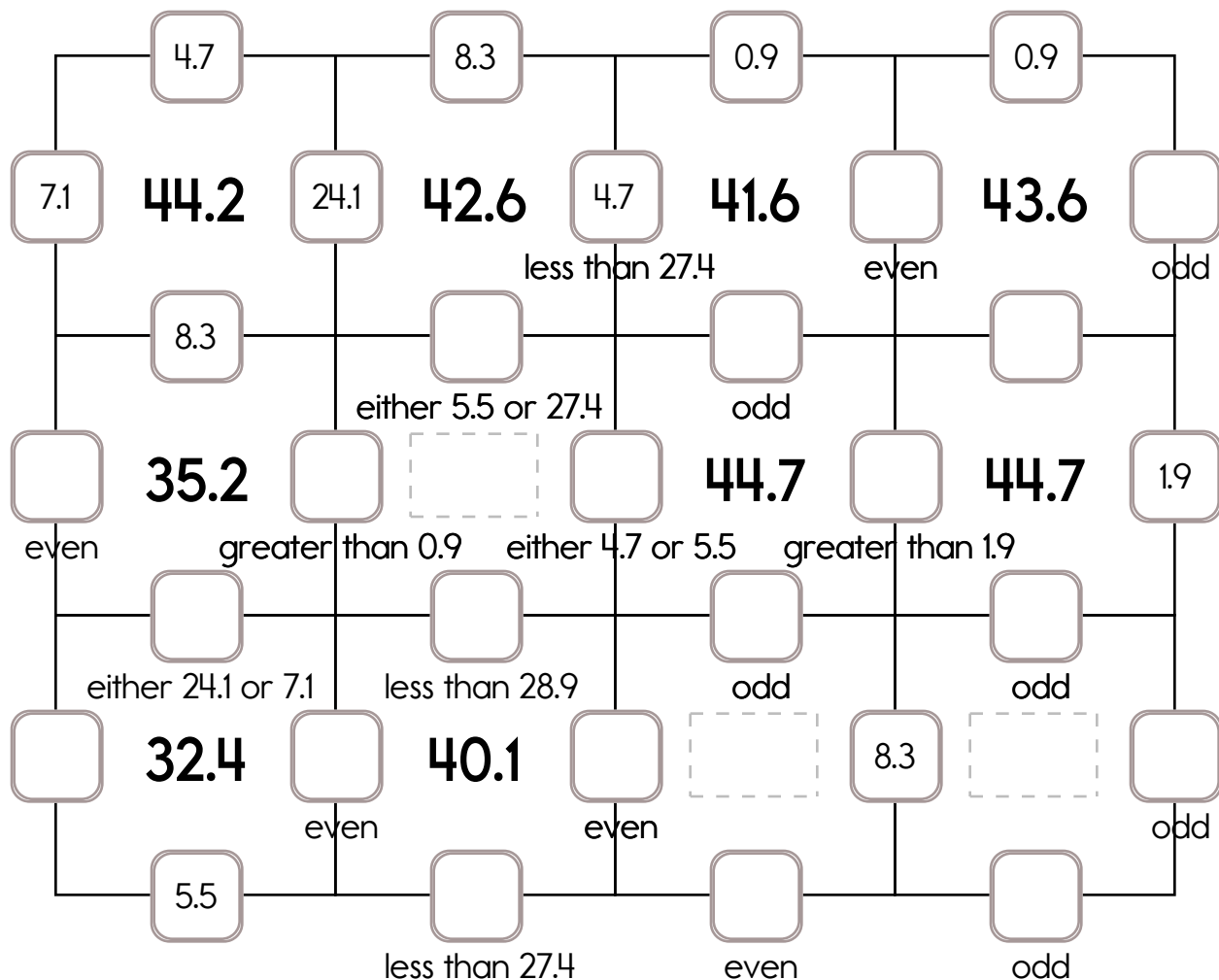
Example:

$$7.1 + 5.5 + 24.1 + 4.7 = 41.4$$

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 24.1, 28.9, or 27.4. The other three numbers have to all be DIFFERENT and must be from these: 8.3, 7.1, 5.5, 1.9, 4.7, or 0.9.



Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 13.4, 25.2, or 23.3. The other three numbers have to all be DIFFERENT and must be from these: 3.6, 1.8, 4.7, 9.9, 0.4, or 7.4.

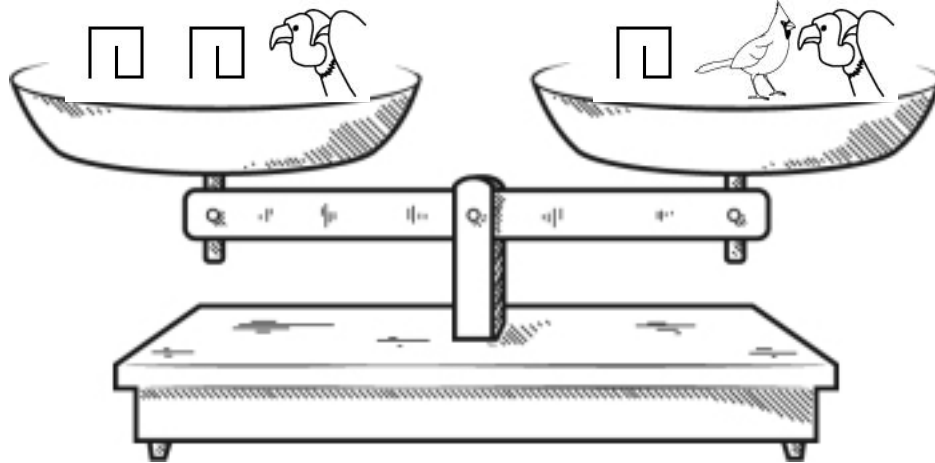
	1.8		4.7		7.4			
							odd	
3.6	38	7.4	27.3	13.4	25.9		23	13.4
			greater than 4.7		less than 1.8			
	25.2		1.8		4.7			
							less than 4.7	
	37.7		23		38.3		39.7	
even		either 13.4 or 7.4		even		odd	greater than 3.6	
		even		odd		odd	either 23.3 or 4.7	
	33.9		35.4				45.3	
odd		even	either 4.7 or 9.9		odd		even	
	37.2		44.2		47.2		37.3	
odd		greater than 7.4		odd			greater than 0.4	
		either 0.4 or 1.8	greater than 1.8		either 13.4 or 7.4		less than 7.4	
	23		36.1					
odd		greater than 3.6			less than 9.9		odd	
		odd		odd	either 7.4 or 9.9			

Name: _____

I am a number between 120 and 160. Two of my factors are 3 and 49. The sum of my digits is 12. What number am I?

I am a 2-digit number that is divisible by 5 and 9. If you add my digits together, the sum is 9. What number am I?

Name: _____



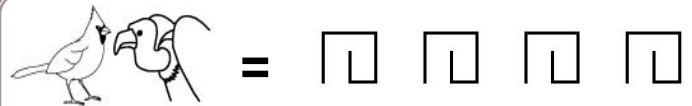
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



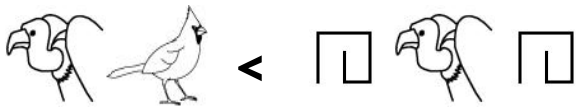
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that three are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

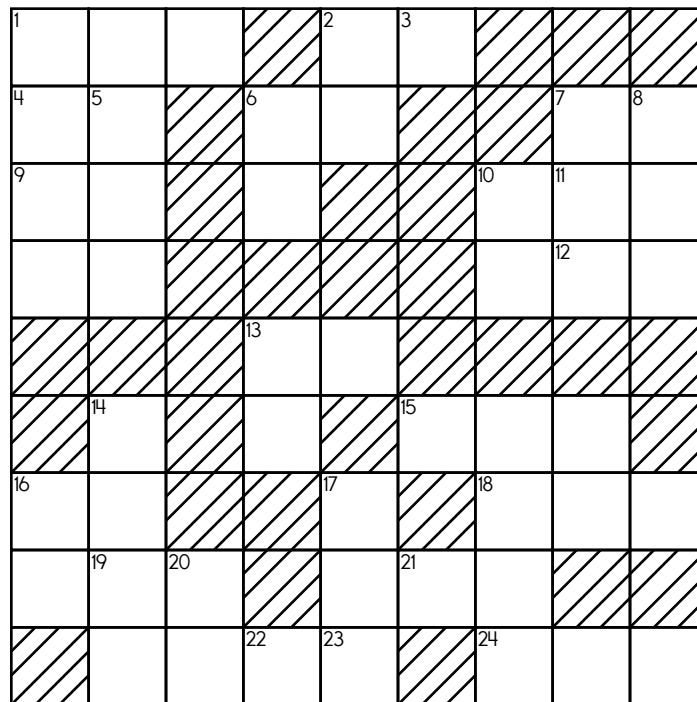
Name: _____

ACROSS

1. Nine times 16-Down
2. Six times 12-Across
4. 12-Across plus 11-Down
7. One more than 13-Across
9. Five more than 16-Down
12. One-fifth of 13-Across
13. **Nickels in three dollars**
14. One-eighth of 2-Across
15. One-third of 5-Down
16. One-third of 8-Down
18. Seven less than 24-Across
21. Six less than 13-Across
23. Five less than 6-Down
24. Seven more than 8-Down

DOWN

2. 13-Across plus 12-Across
3. One-seventh of 6-Down
5. Seven times 16-Down
6. Three more than 11-Down
8. 2-Down plus 13-Across
9. Four more than 9-Across
10. Seven times 12-Across
11. One less than 12-Across
13. 12-Across plus 21-Across
16. Four times 12-Across
17. 9-Down plus 2-Down
19. One-third of 21-Across
20. One less than 21-Across
22. $7 + 7 = 2 \times \underline{\hspace{1cm}}$



Circle the greatest number:

39,471
7,562,108
430,958,626
923,814

$5 \times 9 = \underline{\hspace{1cm}}$

$12 \times 7 = \underline{\hspace{1cm}}$



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