Name: _____

$65.58 - $63.76 =

A) $1.82
B) $7.81
C) None of the above

20 + 39 + 5 =

A) 230
B) 64
C) 34
D) None of the above

Which two numbers are both factors of 48?

A) 4, 5
B) 12, 15
C) 3, 12
D) 24, 22

53 inches is

A) more than 6 feet
B) less than 6 feet
C) equal to 4 feet
D) equal to 1 yard

Which even number is between 40 and 50 and is a multiple of six?

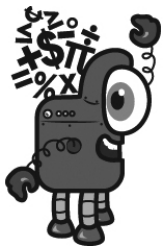
A) 41
B) 54
C) 48
D) 47

5000 - 600 =

A) 4,400
B) 1,480
C) 22,350
D) 1,400

Name: _____

Mental Math — #1



☞ Start with the sum of 8 and 12. 20

☞ Add the number of nickels in a dollar. _____

4 0 1 1 3 7 6 6 9 0 (Circle your answer to double check you are correct.)

☞ Divide by 2. _____

8 4 5 0 2 0 9 7 7 3

☞ Add the number of inches in 1 foot. _____

7 0 4 4 2 4 3 2 1 7

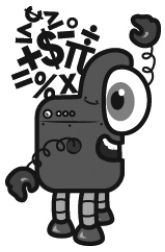
☞ Add three-fourths of a dozen. _____

9 9 8 3 3 0 4 4 1 9

☞ Subtract the number of inches in 2 feet. _____

9 6 3 1 5 1 7 9 1 5

Mental Math — #2



● Start with the number 776. _____

9 5 8 7 7 6 1 5 2 6 (Circle your answer to double check you are correct.)

● Round to the nearest hundred. _____

4 8 0 0 1 4 3 2 9 0

● Divide that number in half. _____

5 8 7 6 2 4 0 0 3 5

● Add the number of ounces in 1 pound. _____

4 1 6 3 6 6 3 2 2 9

● Increase that number by 18. _____

3 4 1 4 3 4 2 1 9 4

● Subtract 26. _____

6 4 2 3 4 0 8 1 8 3

Name: _____

There were 218 people at the horse show. Each person paid 5 dollars for a ticket. Write an equation to show how much was paid for all 218 tickets. Solve.

The Nile River was 12 feet above flood stage yesterday. Today the water rose to 18 feet above flood stage. How far did the river rise today? Write an equation for this problem. Explain what the variable represents.

Justin lined up 9-inch long blocks next to each other. He had 29 of these blocks. Now Billy wants to make the same length but use 3-inch blocks. How many 3-inch blocks will he need to use?

Connor is making his favorite ultimate chocolate chip cookies for a huge party at school. He just finished dropping rounded tablespoons of dough on his cookie sheet and was able to fit 15, which will make 15 cookies. The problem is that he needs to make 126 cookies for his party, and his oven can only fit one cookie sheet at a time. How many times will he have to put a cookie sheet into the oven to make enough cookies?

word root **mens** can mean **measure** **immense, commensurate**

Name: _____

Cross off the number that does NOT belong.

28, 36, 46, 58, 72, 88, 106, 116, 126, 148, 172, 198

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$\frac{4}{16}$, $\frac{8}{16}$, $\frac{12}{16}$, 1, $1\frac{4}{16}$, $1\frac{8}{16}$, $1\frac{12}{16}$, 2, $2\frac{4}{16}$,

$2\frac{5}{16}$, $2\frac{8}{16}$, $2\frac{12}{16}$, 3, $3\frac{4}{16}$, $3\frac{8}{16}$, $3\frac{12}{16}$, 4, $4\frac{4}{16}$

Why does _____ not belong in the pattern?

Add $\frac{1}{4}$

Name: _____

Emily started working on a crazy quilt on Quiet Day. Each piece is a different shape. She even used a shape with 8 sides! The lengths of the sides are 1 inch, $\frac{3}{4}$ inches, $1\frac{1}{2}$ inches, $\frac{1}{2}$ inches, $\frac{1}{2}$ inches, $1\frac{3}{8}$ inches, $\frac{1}{2}$ inches, and $1\frac{3}{4}$ inches. What is the perimeter of the shape?

Peter picked 5/6 of a bushel of apples. He gave his aunt $\frac{1}{6}$ of a bushel. How much of the bushel of apples does he have left?

Justin is going to a Halloween Party. The party begins at 7:30 p.m. It will take him 29 minutes to ride his bicycle to the party and 52 minutes to put on his costume. What time should he start getting ready to be at the party at 7:30 p.m.?

1 lb = 16 oz

28 lb = _____ oz

13 km = _____ m

Rose wants to call Jenna. Jenna is on vacation in Asia. It is a time difference of nine hours. Jenna's time is always later than Rose's time. If it is 5:37 P.M. where Rose lives, then what time is it where Jenna is?

_____

$$\begin{array}{r} 499 \\ +\ 439 \\ \hline \end{array}$$

List five of the smallest whole numbers that are greater than 11, are multiples of 3, and are not multiples of 9.

(7 + 3) + 6 =

132 ÷ 12 =

Name: _____

How many digits are in the current year?

_____

How many millimeters are in 9 centimeters?

_____ millimeters

Write the missing family fact.

135 ÷ 5 = 27
135 ÷ 27 = 5
27 x 5 = 135

_____

66 ÷ 11 =

_____

$$\begin{array}{r} 95 \\ -\ 18 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ +\ 37 \\ \hline \end{array}$$

Circle the smallest number:

6,513	48,917,320,653
1,936,278	97,208,454

$$\begin{array}{r} 546 \\ -\ 286 \\ \hline \end{array}$$

Hannah has two favorite numbers. If you add her favorite numbers, you get 15. If you multiply her favorite numbers, you get 44. What are her mystery numbers?

_____

What time is 14 hours after 1:00 a.m.?

_____

Anna wants Jessica to guess a two digit number. She tells Jessica that her number has two different digits. The digits are 2 and 4. Jessica thinks. She then guesses the number 42. What are the chances that Jessica has guessed correctly?

7 x 11 =

Name: _____

Circle the addition property for 39 + 193 = 193 + 39.

associative property

commutative property

April will win if a random number pulled out of a box is an odd number. 26 pieces of paper, numbered 1 to 26, are put inside a box. What is the chance that April will win?

Mrs. Thompson, the fourth grade health teacher, told her class that she is 4 decades 6 years old. How old is Mrs. Thompson in years?

Write an equation to represent this:

The sum of four and nine is thirteen.

_____

How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.

Cross out all of the prepositional phrases in the sentence.

The bread in the cupboard under the stairs is moldy.

120 ÷ 12 =

6 x 11 =

Eric invented a robotic bug. The bug can crawl six centimeters in twenty-five seconds. How long would it take the bug to crawl fifty-nine centimeters?

Circle the digit in the tenths place.

2,723.83

Complete the analogy.

_____ : whistle :: dirty : pig

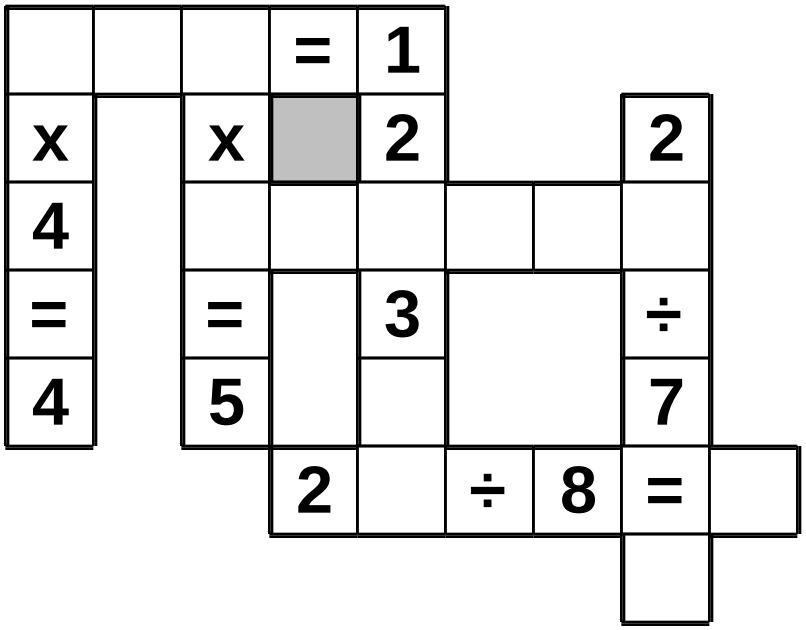
_____

word root **vert** can mean **turn** **extrovert, revert**

Name: _____

1 • x • 1 • 5 • 6 • ÷ • 7 • = • 8 • = • 4 • 3 • 4

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



Eric invented a robotic bug. The bug can crawl six centimeters in twenty-five seconds. How long would it take the bug to crawl thirty-six centimeters?

For 514,963,698,115,338, write the digit that is in the ten thousands place.

_____

6 x 5 =

Cross out all of the prepositional phrases in the sentence.

I walked in the door and to my desk.

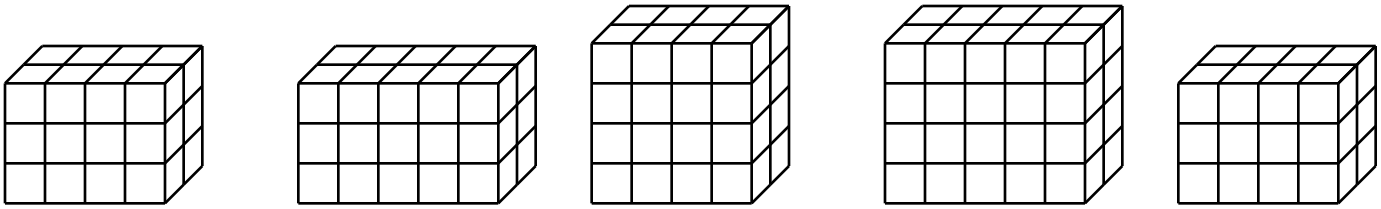
Insert punctuation marks into this sentence.

Mom, I enthused, thanks for the great birthday party!

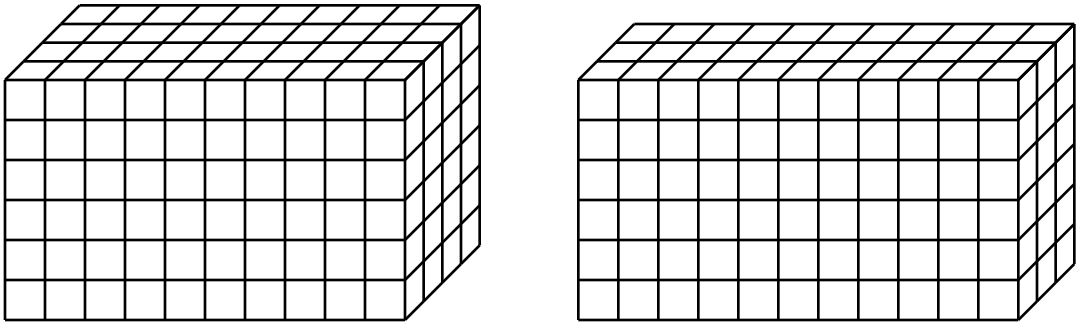
Name: _____

1 cm

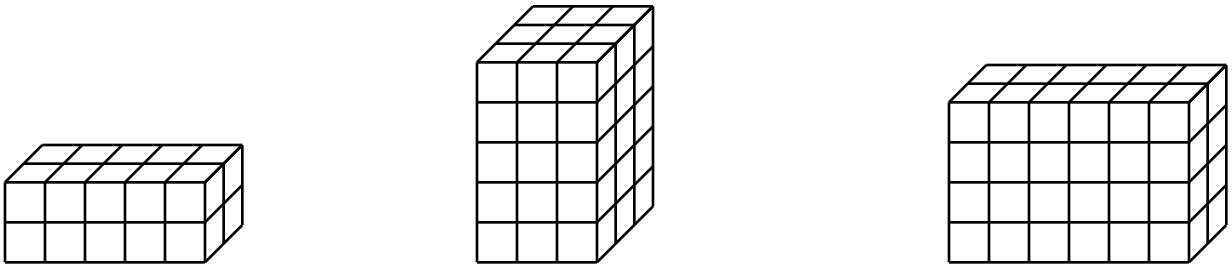
Calculate the volume of each shape that was made from cube blocks. The volume of one block is 1 cubic centimeter.



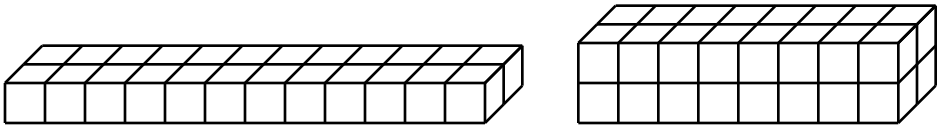
24 cm^3 _____ _____ _____ _____



_____ _____



_____ _____ _____



_____ _____

Name: _____

Can you draw lines to cover every number or shape in the picture?

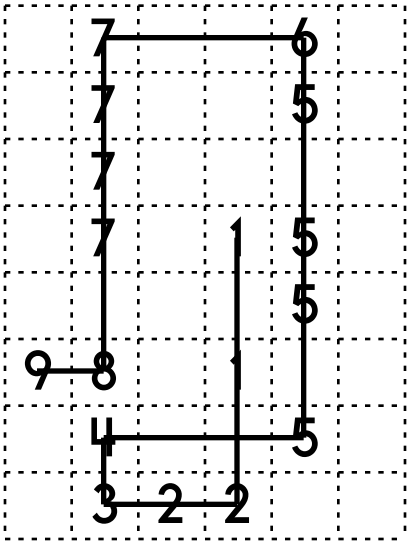
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

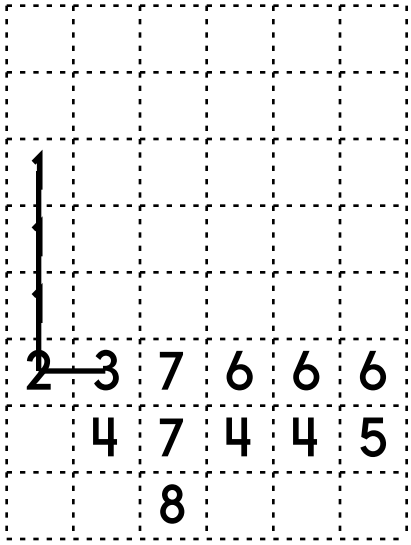
Do not pick up your pencil.



Draw exactly 7 lines.

Start on 1.

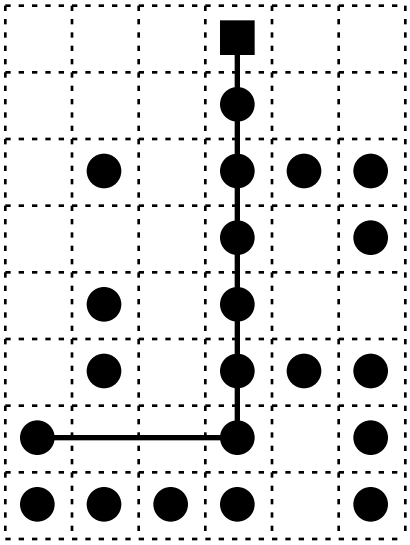
Do not pick up your pencil.



Draw exactly 9 lines.

Start on the square.

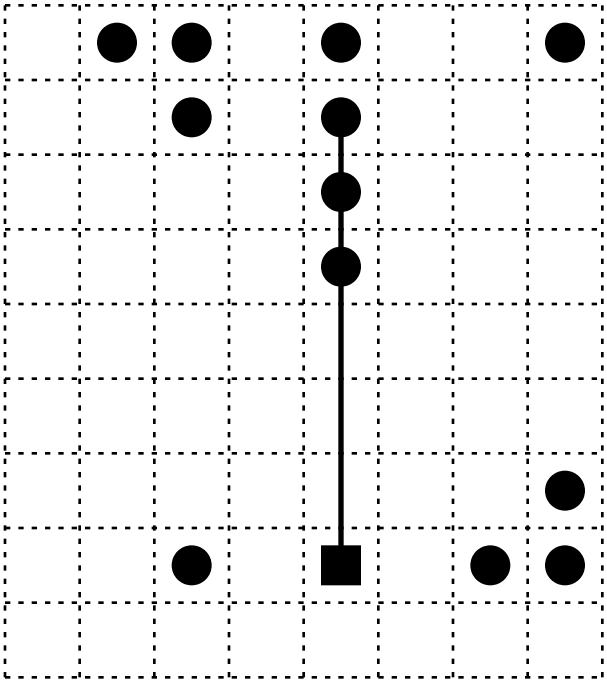
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

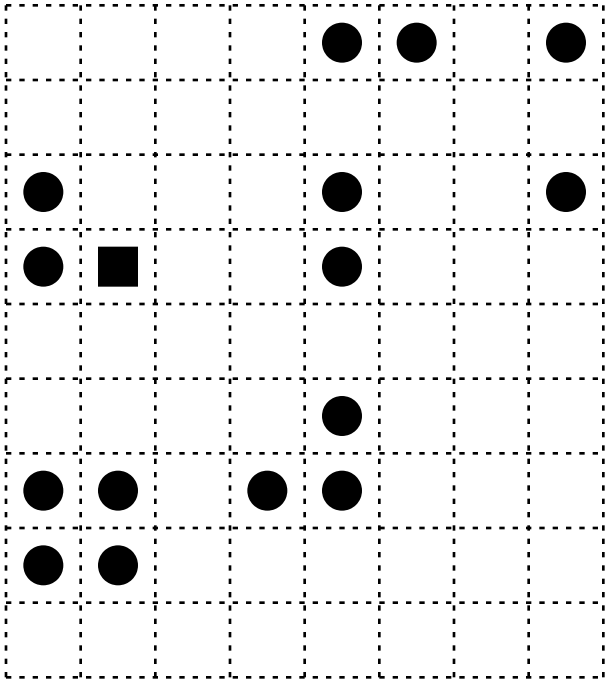
Do not pick up your pencil.



Draw exactly 8 lines.

Start on the square.

Do not pick up your pencil.



Name: _____

Use mental math to quickly solve.

0.135 ÷ 10 = _____	35.92 ÷ 10 = _____
84.68 ÷ 10 = _____	0.364 ÷ 10 = _____
723.1 ÷ 100 = _____	3,632.9 ÷ 100 = _____
94.18 ÷ 10 = _____	574.5 ÷ 100 = _____
8,401.3 ÷ _____ = 84.013	0.86 ÷ _____ = 0.086
0.88 ÷ _____ = 0.088	13.64 ÷ 10 = _____
_____ ÷ 100 = 95.453	6,308.6 ÷ _____ = 63.086

$4\overline{)3.2}$ $3\overline{)8.1}$ $2\overline{)2.2}$

Name: _____

$13 - \frac{5}{11} + \frac{5}{9} =$

$26 - \frac{2}{3} =$

Reduce $\frac{9}{18}$ to its lowest terms.

$13 + \frac{2}{3} - \frac{1}{8} =$

Reduce $\frac{16}{40}$ to its lowest terms.

$12 + \frac{3}{4} + \frac{9}{11} =$

$$25\frac{2}{3} - 3$$

$$4 - 2\frac{6}{12}$$

$$4\frac{1}{7} + 7\frac{2}{7}$$

Find the difference between 22.6 and 12.1.

$$\begin{array}{r} 1.1 \\ 11.6 \\ +13.9 \\ \hline \end{array}$$

What is the sum of 8.6 and 8.3?

Name: _____

4000 - 800 =

A) 7,200
B) 3,200
C) 4,204
D) 3,210

How many pounds in 368 ounces?

A) 8 pounds
B) 23 pounds
C) 7 pounds
D) 17 pounds

Which answer has the greatest value?

A) ~^1^4~
B) ~^9^11~
C) A and B are equal.

15 meters =

A) 15000 centimeters
B) 0.015 kilometers
C) 150 centimeters
D) 1.5 kilometers

Which of the following has the greatest value?

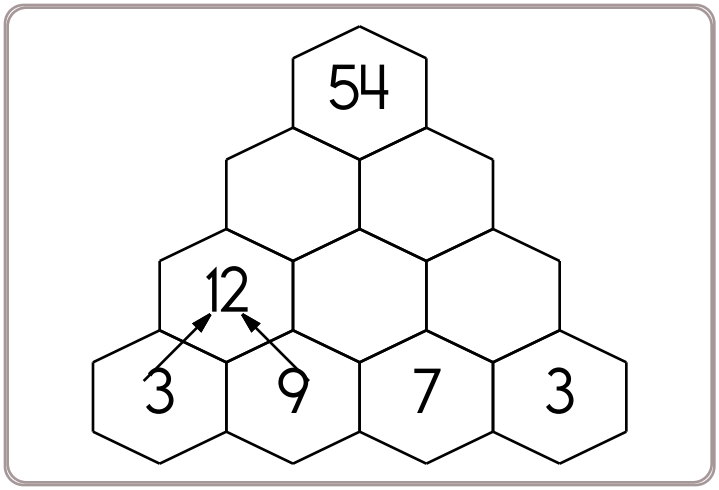
A) 0.059
B) 0.28
C) A and B are equal.

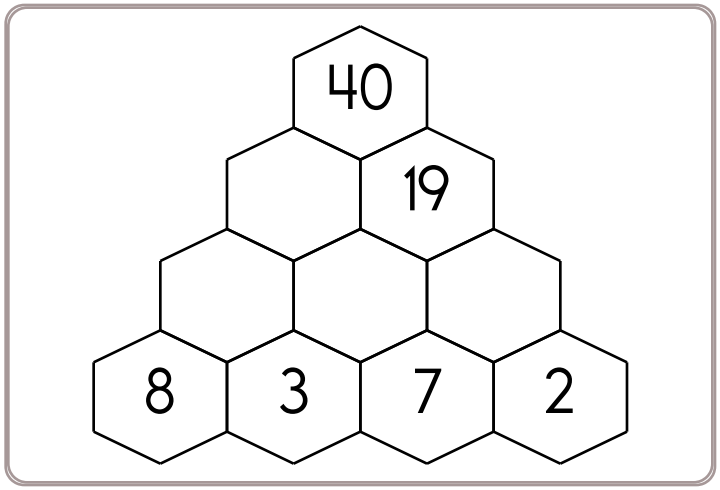
49 + 6 =

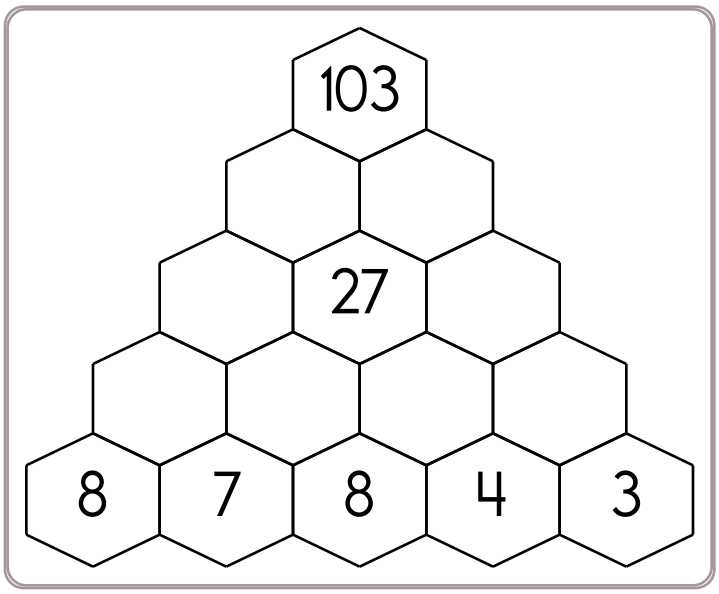
A) 55
B) 505
C) 95
D) 75

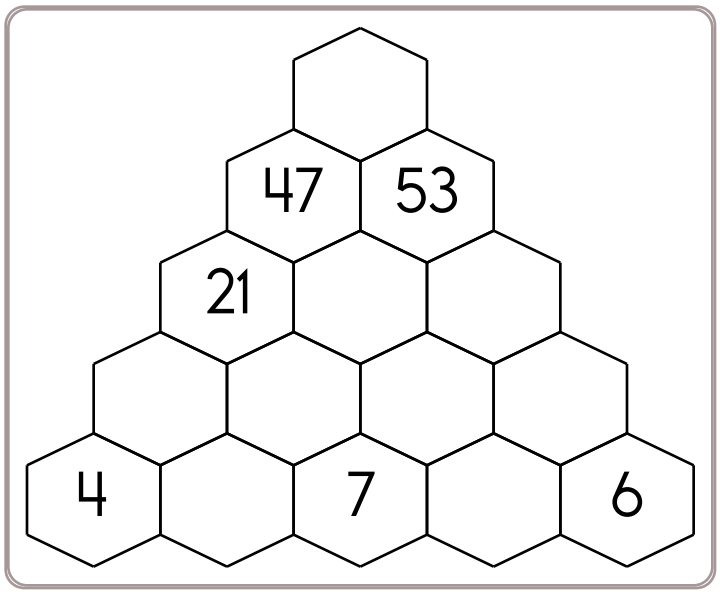
Name: _____

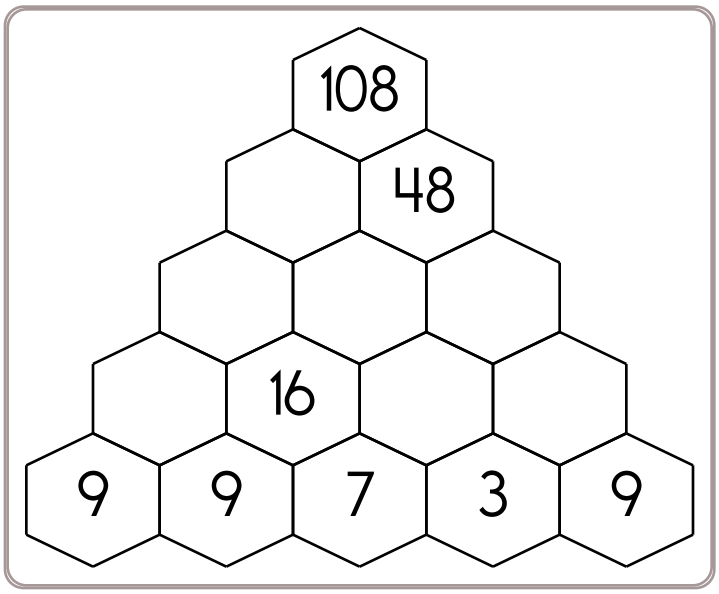
Fill in the blanks by adding the two numbers below each hexagon.

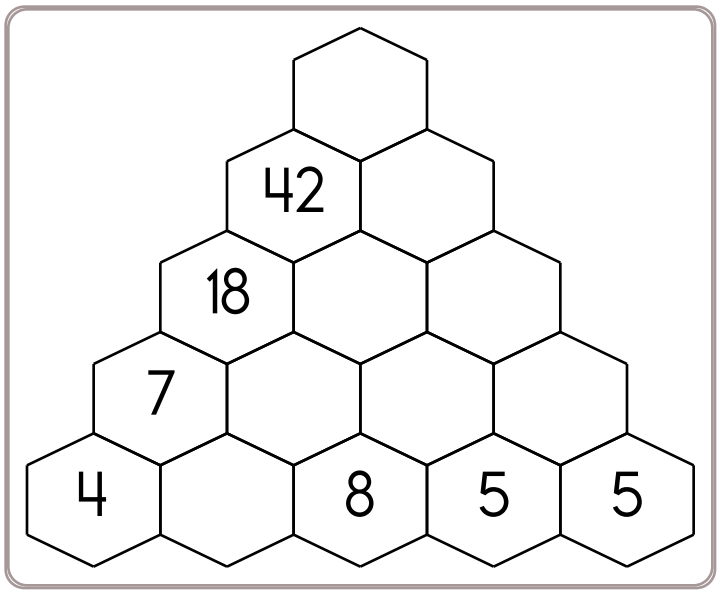












word root **dur** can mean **hard** **durable, duration**

Name: _____

Roman Numerals

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.

I = _____

IV = _____

VI = _____

IX = _____

XIII = _____

XIV = _____

XVIII = _____

XIX = _____

XLIII = _____

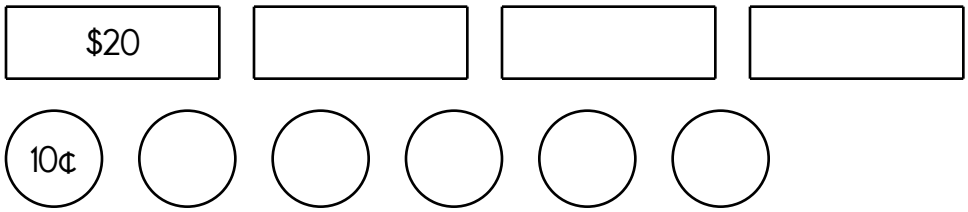
Write the number as a Roman numeral and then find the Roman numeral.

3 _____ XIVXXIIIVIL XXVIIIIIIXI	8 _____ XVIIIVXIIX VVIIIXXXVI	1 _____ XXXVXIIIIV XLIXXXIIIVI	7 **VII** VIIIXXIVIII VIIIIXIXIIIL
10 _____ XXVXIIXIIIX XIXXXIXXIII	6 _____ VIIIIIIVIII VIVXXXVIII	13 _____ XIXIIIXXIIII XIIIVIIIIVI	11 **XI** XIVIIIXIIIX LXVIXIXLIVI
34 _____ XIIXXXIVIV XXXIVXIIIXX	25 _____ IIXXVXLVIII XXVXVIXXVI	19 _____ XXXIIVXIXV XIXXXVIIIIX	30 _____ IXIVXXXXXIL ILIXXXVXVI
40 _____ XLXVIIIVIII XLXXXVIIVV	49 _____ IXLIXXXVIXL XLIXXLXXIVI	15 _____ XIXXVIXVIX VXXVXVIXXI	57 _____ IIIILVIIIIIX VXXIXLVIIV

Name: _____

Make change. You can use $20, $10, $5, $1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make $23.24.



Use the fewest bills and coins to make $44.52.

Use the fewest bills and coins to make $51.52.

Use the fewest bills and coins to make $23.52.

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.
One set of sums has been done for you.

sum of 4 ↓		sum of 14 →				
	sum of 4 ↓		sum of 7 →			sum of 6 ↓
	2	sum of 9 →				
	1	sum of 5 ↓		sum of 6 ↓	sum of 8 →	
	1		sum of 4 →			
sum of 4 ↓			sum of 6 →			
	sum of 11 →					
					sum of 2 →	

		sum of 5 →				sum of 6 ↓	
	sum of 10 →				sum of 10 ↓		sum of 6 ↓
sum of 10 ↓	sum of 3 ↓		sum of 7 ↓	sum of 9 →			
		sum of 8 ↓		sum of 5 →			
sum of 4 →							
				sum of 7 →	3	3	1
			sum of 8 →				

Write 94,937 in words.

_____

Anna wrote down a fraction on a piece of paper. If you take her fraction and multiply it by six you get thirteen. Can you guess what her fraction is?

Write this as a number in standard form. Use a comma in your number.

nine hundred seven thousand, eight hundred seventy-nine

_____

Circle the greatest number:

879,540,326,107

4,126,309,471

685,875

34,219

word root **epi** can mean **on** **epitaph, epitome**

Where can I get more of this great stuff?
More math!
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CLASS RULES
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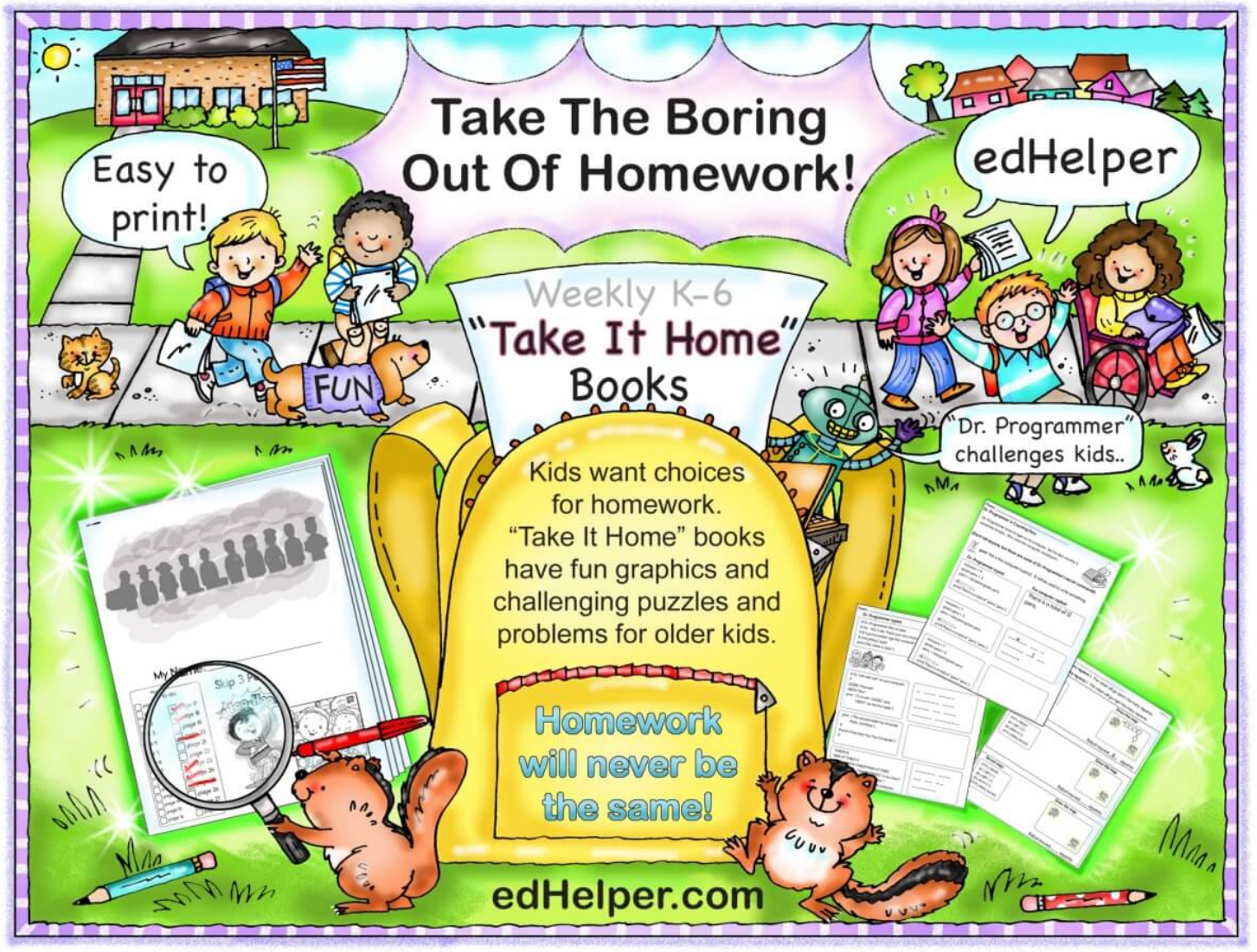
New ideas!
More puzzles!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