

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

X	4		6		1
	<u>   </u> x 4	<u>   </u> x <u>   </u>	<u>   </u> x 6	30	5
4	<u>4</u> x <u>4</u>	<u>4</u> x <u>   </u>	<u>4</u> x 6	24	<u>4</u> x <u>   </u>
3	<u>3</u> x <u>4</u>	<u>3</u> x <u>   </u>	<u>3</u> x 6	<u>3</u> x <u>   </u>	<u>3</u> x <u>   </u>
	<u>   </u> x 4	<u>   </u> x <u>   </u>	<u>   </u> x 6	<u>   </u> x <u>   </u>	8
8	<u>8</u> x <u>4</u>	<u>8</u> x <u>   </u>	<u>8</u> x 6	<u>8</u> x <u>   </u>	<u>8</u> x <u>   </u>

Write a fraction to represent what is shaded.



\_\_\_\_\_

Insert a comma in the appropriate place in this sentence.

I have been sick for two weeks but I am starting to feel better.

Circle the relative adverb.

James is not sure where he left his glasses.

Fill in the boxes so each line equals 7.

7

    - 11

84 ÷    

7 x    

( 1 +     ) -    

Write the number for five thousand seven hundred two.

\_\_\_\_\_

In each pair, circle the word that is spelled correctly.

boast, boste  
cactus, cactus  
funeral, fewnral

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

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 9 in your head

multiply 3

double it

Write the ones digit.

\_\_\_\_\_

A

imagine 3 in your head

add 5

double it

add 3

add 6

add 1

Add the tens digit to the ones digit.

Write the sum.

\_\_\_\_\_

B

imagine 2 in your head

multiply 2

add 9

add 3

Write the even digit in your answer.

\_\_\_\_\_

C

What is the sum?

A + B + C

\_\_\_\_\_

Wow! Great job! That's the answer, but do you know how to SPELL the number?

\_\_\_\_\_ e \_ e \_ n \_

9 before 17 \_\_\_\_\_

9 after 17 \_\_\_\_\_

4 before 12 \_\_\_\_\_

2 before 14 \_\_\_\_\_

6 after 15 \_\_\_\_\_

5 before 15 \_\_\_\_\_

7 before 18 \_\_\_\_\_

3 after 11 \_\_\_\_\_

8 before 19 \_\_\_\_\_

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

Gavin has a box of peanuts. The box is 8 inches long, 4 inches wide, and 3 inches deep. About 5 peanuts will fit in each cubic inch of volume. About how many peanuts are in the box?

During Be Kind to Humankind Week the students at Midvale Elementary School gave their change to Habitat for Humanity. If an average of \$147 was donated each day, how much money did the students give in 5 days?

Jessica can't find her phone, so she is using an old fashioned map to see how far away two cities are. She measured that they are a little more than 9 centimeters apart. If the scale says that 1 cm = 8 kilometers, then about what is the real distance?

Kevin never spends the coins he gets. He has 26 dimes. But that's nothing! He has 4 times as many nickels as dimes. How much money does he have in all?

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

Draw a line to match each problem with the same answer.

$$8 \frac{2}{10}$$

$$\frac{96}{100}$$

$$9 \frac{4}{10}$$

$$\frac{30}{100}$$

seven and forty-three hundredths

$$\frac{24}{100}$$

$$\frac{6}{10}$$

$$7 \frac{43}{100}$$

eight and two tenths

nine and four tenths

twenty-four hundredths

ninety-six hundredths

$$9 \frac{8}{10}$$

thirty hundredths

six tenths

nine and eight tenths

W, J, T, I, Q, H, N, G,  
\_\_\_\_\_, F

You have a playdate in  
300 minutes. How many  
hours is that?

5, 12, 20, 29, 39,  
\_\_\_\_\_, 62, 75, 89, 104,  
120

How many total legs are on  
12 tigers?

Find the product of 8 and 2.

56, 73, 90, 107, 124,  
\_\_\_\_\_, 158, 175

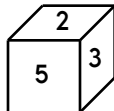
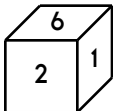
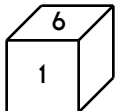
Name: \_\_\_\_\_

Holly is packing picnic baskets for her family's annual beach picnic. The picnic is so much fun! She gets to see all her aunts and uncles and cousins at one time. There will be 24 people at the picnic this year. Each basket has food for 4 people. How many baskets will she need to pack?

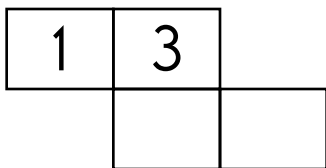
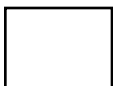
The fifth grade students are having a breakfast for their parents for Children's Good Manners Month. Erin used a muffin pan to make 5 batches of muffins. Then she made 2 extra muffins. She made 42 muffins in all. How many muffins does the muffin pan hold?

Mary and her mother planned to take tulips to the hospital for the 12 new mothers there. For each mother, Mary made a bouquet of 5 tulips and tied them together with pretty red and white ribbon. How many tulips did she need to make the bouquets?

This is the look at one cube that is turned around a few times.



This pattern can be folded into the cube. Fill in the missing boxes.



What is the range of these numbers?

21, 28, 21, 17, 29, 21

If  $\square = 11$ , then  $\square - 4 =$  \_\_\_\_\_

$$5 \overline{)45}$$

☐ sandd

☐ sannd

☐ sand

☐ saand

What is the fourth month with 30 days?

The factors of 8 are 1 2 \_\_\_\_\_

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

The vowels are missing in the word search.  
Fill in the missing vowels and circle the words.

S		P	P	D	R			R	Y
	S		M		T	C	H		S
P		P	R	F	R	R		S	
P	R	P		E	V		P	S	V
L	F	R	D	L	D		R		
Y				L		L		N	R
P	C	V	S		N	R	C	T	Y
			T						L
L	C		P		R				
		N	G	S		D	K	L	

POLE • EVERY • ESSENTIAL • DREARY  
SURFACE • DONE • APPROVE • FELL  
SUPPLY • PRECOOK • CAPE • DUST  
RAILROAD • MATCH

- ☐ koud
- ☐ clou
- ☐ kluod
- ☐ cloud

- ☐ frigt
- ☐ friht
- ☐ fright
- ☐ friet

Round 389,145 to the nearest hundred.

\_\_\_\_\_

Can you think of a five-letter word that has the vowel I in it?

\_\_\_\_\_

If  $K = 2$ , then what does  $K + 3$  equal?

\_\_\_\_\_

$$74 - 54 = \underline{\hspace{2cm}}$$

Which is larger, 0.7 or 0.9?

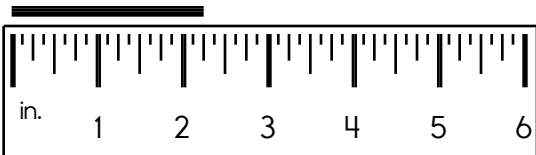
\_\_\_\_\_

If  $G + G = 6$ , then what does  $G$  equal?

\_\_\_\_\_

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

Which number is greater: 0.9 or 0.99? _____	$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ \times 10 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$
	$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$

What is the ratio of boys to girls in your class? _____	Write the length in inches. _____	$\begin{array}{r} 20 \\ + 10 \\ \hline \end{array}$
		

How many days are in April? _____	o o m d c r w a a i k a r u i r a i l r o a d p m d l n t o m g r p a d k m r o w o l r o e n a r e f e y g r l k f t m l l r t u a d r i p m b u l l i w r t l b i r i f e f r g e f u r e w a r d o r o b u r n c g a i n o t m y s e l f w k r f l o a f												
There are five cars parked in a row exactly the same distance from each other. The first car is 30 inches from the second car. The first car is 60 inches from the third car. How far is the fifth car from the second car? _____	<p style="text-align: center;"><b>Word Bank</b></p> <table> <tr> <td>myself</td> <td>gem</td> <td>meal</td> <td>reward</td> </tr> <tr> <td>truck</td> <td>burn</td> <td>loaf</td> <td>bull</td> </tr> <tr> <td>railroad</td> <td>drip</td> <td>gain</td> <td>row</td> </tr> </table>	myself	gem	meal	reward	truck	burn	loaf	bull	railroad	drip	gain	row
myself	gem	meal	reward										
truck	burn	loaf	bull										
railroad	drip	gain	row										

What is the value of the BIG digit? 5 <b>8</b> 8,045,594 _____	$4 \overline{)32}$	$6 \overline{)42}$	$\begin{array}{r} 3 \\ 1 \\ + 79 \\ \hline \end{array}$
--	--------------------	--------------------	---

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

$$\begin{array}{r} 71 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 73 \\ \hline \end{array}$$

$$\begin{array}{r} 122 \\ - 49 \\ \hline \end{array}$$

$$\begin{array}{r} 158 \\ - 83 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 87 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 143 \\ - 75 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ + 55 \\ \hline \end{array}$$

$$\begin{array}{r} 167 \\ - 74 \\ \hline \end{array}$$

$$\begin{array}{r} 109 \\ - 74 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 78 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 90 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 83 \\ \hline \end{array}$$

$$\begin{array}{r} 127 \\ - 78 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 75 \\ \hline \end{array}$$

$$\begin{array}{r} 118 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 77 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ + 86 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 145 \\ - 61 \\ \hline \end{array}$$

$$\begin{array}{r} 122 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 79 \\ \hline \end{array}$$

$$\begin{array}{r} 159 \\ - 62 \\ \hline \end{array}$$

$$\begin{array}{r} 122 \\ - 76 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ + 58 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ - 75 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 5 \\ \hline \square \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 6 \\ \hline \square \\ + 8 \\ \hline \end{array}$$

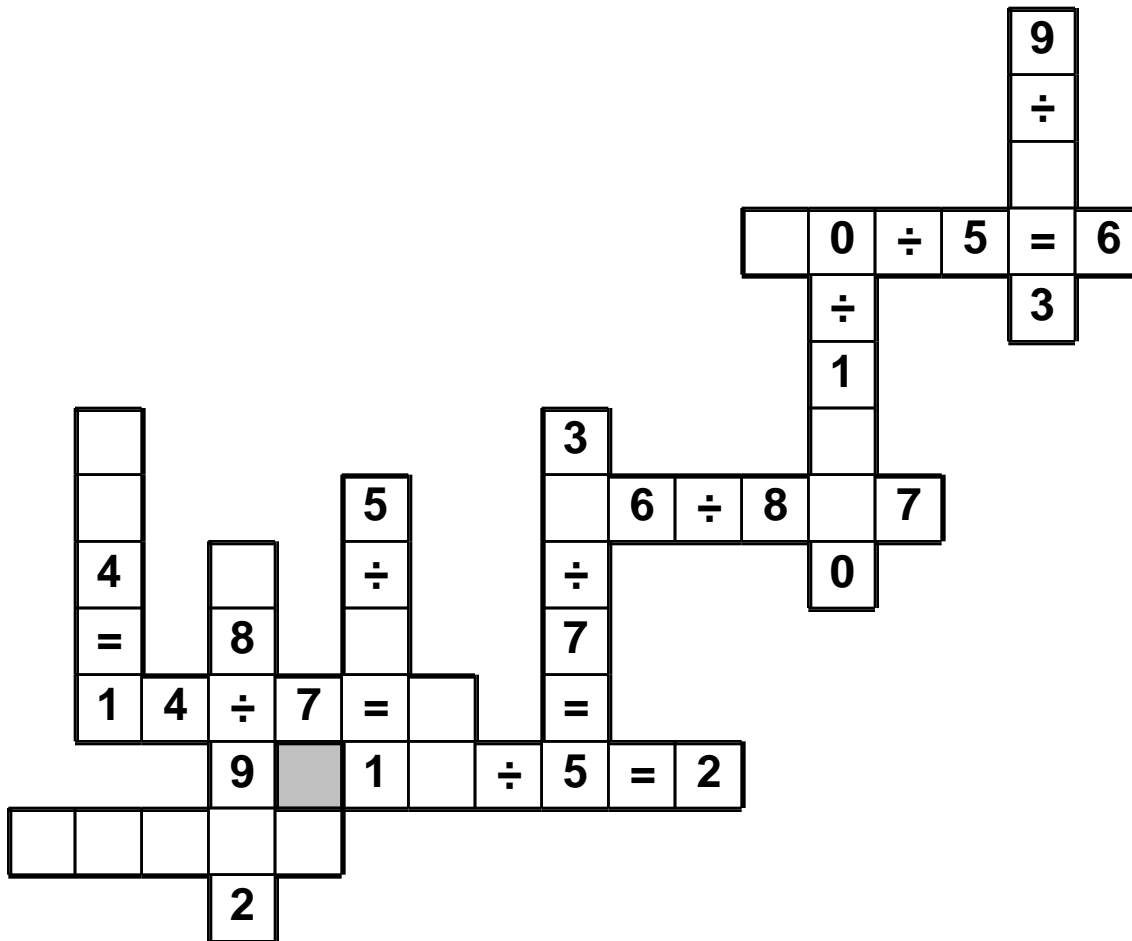
$$\begin{array}{r} 48 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ - \square \\ \hline \end{array}$$

40



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
















A horizontal ruler with a scale from 0 to 6 cm. Major tick marks are labeled 1, 2, 3, 4, 5, and 6. Minor tick marks are present every millimeter. A black horizontal bar is placed above the ruler, starting at the 0 mark and ending at the 3.5 cm mark. The label 'cm' is at the 0 mark.

$$\begin{array}{r} 77 \\ - 37 \\ \hline \end{array}$$

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

Draw ONE continuous line that touches every box ONCE.  
Count by 9s. Find the box with the number 87. Move up, down, right, or left.  
Keep counting until you reach 528. Do not move into a spot with a ghost.

			267	---	---	---
---						---
---	---					---
		141				
		132				
		---	---	-105	-96	
	519				87	---
	528		---			---
	---		---			

Count by 5s.

Write the fraction for 0.59.

15      25      \_\_\_\_\_

\_\_\_\_\_

Fill in the missing fractions.

\_\_\_\_\_,  $\frac{3}{8}$ , \_\_\_\_\_,  $\frac{5}{8}$

How many 3s are in 33?

\_\_\_\_\_

90  
- 83

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

Complete each analogy with the best word.

tardy	baby	wet
car	bark	grass
antlers	pictures	puppy
spikes	cardinals	raisin
claws	suspended	lemonade
feathers		

brown : dirt ::

green : \_\_\_\_\_

desert : dry ::

rainforest : \_\_\_\_\_

plum : prune ::

grape : \_\_\_\_\_

winter : hot chocolate ::

summer : \_\_\_\_\_

flight : airplane ::

road trip : \_\_\_\_\_

not at school : absent ::

late : \_\_\_\_\_

adult : dog ::

child : \_\_\_\_\_

walrus : tusks ::

reindeer : \_\_\_\_\_

monkey : hair ::

bird : \_\_\_\_\_

words : letters ::

hieroglyphics : \_\_\_\_\_

CRYMRS LEMACYOLD  
GRANDFATHERDDIM  
AGILAWGARRDREWA  
ANPMTERNDPAAXAQ  
PIAOHTAOSINTEMU  
EMNRRPSSSTCTURBA  
WMS TEUSRATLMCUR  
E IWAE EWEIUENILI  
TWE LNASPRRRUSAU  
RSSSTNLRPESSENM  
UNRAISINLSDSTCP  
CUTOATHOAUARUEF  
KRPUMPKINEYERWL  
ENVELOPEEEIHTSO  
PSCHOOLREDNTLOW  
UORELIGIONTAEEE  
PTSELPPAHCNERWR  
PRNQTCNITXEFIYS  
YFLYTIUMRACSTOD  
YXALAGCAPITALYE

SNAP • OATH • TRUCK  
FLOWERS • PUPPY • PUMPKIN  
CAMELS • EWE • DAY  
TARDY • OLD • RUN • RED  
WRENCH • CAPITAL  
SCHOOL • FLY • PICTURES  
GALAXY • GRANDFATHER  
SUN • GRASS • TURTLE  
AMBULANCE • RAISIN  
AQUARIUM • ANTLERS  
PERSON • ENVELOPE  
MORTALS • CRY • AIRPLANE  
SWIMMING • APPLES • CAR  
FEATHERS • DOTS • WET  
THREE • RELIGION • EXTINCT  
EXERCISE

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

**Pay the bill!**

Adam received a bill for his cellphone from Mobile Unlimited for \$59.55. Write the check as Adam would write it.

ADAM

1673

DATE \_\_\_\_\_

PAY TO THE  
ORDER OF

\$

\_\_\_\_\_ DOLLARS

MEMO \_\_\_\_\_

⑆994017090⑆

⑈52239⑈

1673

**Pay the bill!**

Adam received a bill from Central Water for \$190.34. Write the check as Adam would write it.

ADAM

1674

DATE \_\_\_\_\_

PAY TO THE  
ORDER OF

\$

\_\_\_\_\_ DOLLARS

MEMO \_\_\_\_\_

⑆994017090⑆

⑈52239⑈

1674

Write as a decimal.  
Five and three hundredths

Write as a decimal.

$$5 \frac{17}{100}$$

Write as a decimal.  
Six tenths

$$10 \times 10 + 5$$

Is 749 closer to 700 or 800?

How many hundreds are in the number 2,100?

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

	+	+	=	
	B	C	A	17
+	A	A	A	?
=				
	14	12	18	

### Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$A + A = 18 \quad B + C + A = \underline{\quad} \quad \underline{\quad} + \underline{\quad} = 12$$

$$\underline{\quad} + \underline{\quad} = 14$$

Additional hints:

$$C < 7 \quad A \text{ is the largest.} \quad A = B + 4$$

### Show Work:

### Solve:

$$? = \underline{\quad}$$



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$\times$   $=$   $-$   $\div$   $<$   $>$

More puzzles!



