

# MONTHLY MATH CHALLENGE

## Homework

### April



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

Do all of these,  
but skip 2 pages:

- |                                 |                                  |                                  |
|---------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> page 1 | <input type="checkbox"/> page 12 | <input type="checkbox"/> page 22 |
| <input type="checkbox"/> page 2 | <input type="checkbox"/> page 13 | <input type="checkbox"/> page 23 |
| <input type="checkbox"/> page 3 | <input type="checkbox"/> page 14 | <input type="checkbox"/> page 24 |
| <input type="checkbox"/> page 4 | <input type="checkbox"/> page 15 |                                  |
| <input type="checkbox"/> page 5 | <input type="checkbox"/> page 16 |                                  |
| <input type="checkbox"/> page 6 | <input type="checkbox"/> page 17 |                                  |
| <input type="checkbox"/> page 7 | <input type="checkbox"/> page 18 |                                  |
| <input type="checkbox"/> page 8 | <input type="checkbox"/> page 19 |                                  |
| <input type="checkbox"/> page 9 | <input type="checkbox"/> page 20 |                                  |
|                                 | <input type="checkbox"/> page 21 |                                  |

Find a helper.

He/she helped by checking my work.



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



Jimmy has played 14 baseball games so far this season. He's had 50 at-bats. Of those 50 at-bats, he has had 4 walks, 8 strikeouts, 12 singles, and 3 doubles.

That doesn't add up to 50 because he often pops up or grounds out. A couple of times he has even fouled out.

Today Jimmy is playing Billy's team.

"We're going to win," Billy says to Jimmy.

"Good luck with that! I'm going to go 4 for 4 and hit for the cycle," Jimmy says back.

Jimmy is probably going to have four chances at bat. Based on what he's done in the past 14 baseball games, what do you think he'll do today?

There is no one answer. Explain your reasoning and be sure to try to back it up!

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

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

$7 + 95 =$

$12 \div 3 =$

$49 \div 7 =$

$348 + 763 =$

$882 + 396 =$

$2 + 95 =$

$7 + 88 =$

$121 + 996 =$

$889 + 389 =$

$359 + 752 =$

$2 + 100 =$

$24 \div 6 =$

$35 \div 5 =$

$125 + 992 =$

$6 + 91 =$

$6 + 89 =$

$4 + 56 =$

$6 + 60 =$

$12 \times 7 =$

$6 \times 11 =$

$27 \div 9 =$

$6 + 144 =$

$21 \div 7 =$

$419 + 788 =$

$8 + 76 =$

$4 + 139 =$

$10 \times 6 =$

$2 + 141 =$

$7 + 143 =$

$435 + 772 =$

$257 + 189 =$

$267 + 179 =$

You have a playdate in 180 minutes. How many hours is that?

Write the number that has exactly 5 tens.

Name the shape with five sides and five angles.

$\_\_\_ \div 6 = 7$

Round 143 to the nearest ten.

Kevin earns \$18 an hour. He worked 4 hours. How much did he make?

word root **post** can mean **after** **postscript**

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

"How old are you?" Ava asks Mrs. Thompson.

Mrs. Thompson could not stop laughing. "Well, I'm not going to tell you all my age. But I will say I have a dog, Max. I like to count his age in dog years. Every birthday his age increases by 7 dog years. This year on his birthday his age in dog years will be 11 years less than my age."

"Oh, and time flies fast. On Max's first birthday, I was 23 years older than his dog years."

On Max's birthday this year, how old will Mrs. Thompson be?

Show your work.

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

Holly is putting together goodie bags for her birthday party. She invited 6 friends, and everyone can come except for Anna. At the party store, she bought 11 mini chocolate bars. She wants to give everyone an equal number of mini chocolate bars. How many should she put into each goodie bag?

Mrs. Garcia needs to buy 31 cupcakes. At the mall, two stores sell cupcakes for the same price. Both stores have very tasty cupcakes. She has a coupon for the first store, Cupcakes are Good. The coupon is \$3 off every 4 cupcakes you buy. Would you believe she also has a coupon for the second store, Buy Here? Her coupon for Buy Here says \$2 off for every 2 cupcakes you buy, So BUY HERE. Hmmm. Which store is the better buy?

Rosa just got a phone. The first day she got the phone she played for only 10 minutes. Not sure why she didn't play more than that. Every day after that, for the next 3 days, she doubled how much time she played on her phone. On day 3 how long did she play on her phone?

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

Gemma is having a spring party. She is creating themed platters of food for the party. She has 16 mashed potato flower beds and 8 mulch meat loaves.

How many guests can Gemma have at her party if each meat loaf serves four and each decorative mashed potato mound serves two?

Will there be any food left over?

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

$$\begin{array}{r} 215 \\ + 890 \\ \hline \end{array}$$

$$\begin{array}{r} 484 \\ + 632 \\ \hline \end{array}$$

$$\begin{array}{r} 467 \\ + 983 \\ \hline \end{array}$$

$$\begin{array}{r} 885 \\ + 753 \\ \hline \end{array}$$

$$\begin{array}{r} 427 \\ + 706 \\ \hline \end{array}$$

$$\begin{array}{r} \square 7 \square \\ + 290 \\ \hline 1\square 6 \end{array}$$

$$\begin{array}{r} 796 \\ + \square 9 \square \\ \hline 1\square 8 \end{array}$$

$$\begin{array}{r} \square \square 7 \\ + 35\square \\ \hline 912 \end{array}$$

$$\begin{array}{r} 6\square 3 \\ + \square 6 \square \\ \hline 828 \end{array}$$

$$\begin{array}{r} 9\square 3 \\ + 609 \\ \hline \square 5 \square \end{array}$$

$$\begin{array}{r} 157 \\ + 123 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ + 275 \\ \hline \end{array}$$

$$\begin{array}{r} 872 \\ + 215 \\ \hline \end{array}$$

$$\begin{array}{r} 646 \\ + 267 \\ \hline \end{array}$$

$$\begin{array}{r} 975 \\ + 307 \\ \hline \end{array}$$

$$\begin{array}{r} \square \square 1 \\ + 55\square \\ \hline 936 \end{array}$$

$$\begin{array}{r} 9\square \square \\ + \square \square 4 \\ \hline 145 \end{array}$$

$$\begin{array}{r} 3\square \square \\ + \square 39 \\ \hline 118 \end{array}$$

$$\begin{array}{r} \square 0 \square \\ + \square \square 2 \\ \hline 114 \end{array}$$

$$\begin{array}{r} \square 4 \square \\ + 3\square \square \\ \hline 107 \end{array}$$

$$\begin{array}{r} 510 \\ + 796 \\ \hline \end{array}$$

$$\begin{array}{r} 612 \\ + 397 \\ \hline \end{array}$$

$$\begin{array}{r} 719 \\ + 449 \\ \hline \end{array}$$

$$\begin{array}{r} 223 \\ + 977 \\ \hline \end{array}$$

$$\begin{array}{r} 436 \\ + 725 \\ \hline \end{array}$$

$$\begin{array}{r} \square 3 \square \\ + 299 \\ \hline 1\square 3 \end{array}$$

$$\begin{array}{r} \square 98 \\ + 41\square \\ \hline 1\square 0 \end{array}$$

$$\begin{array}{r} 8\square 8 \\ + \square 4 \square \\ \hline 168 \end{array}$$

$$\begin{array}{r} 977 \\ + 4\square 4 \\ \hline \square \square \square \end{array}$$

$$\begin{array}{r} 3\square 3 \\ + \square 26 \\ \hline 7\square \square \end{array}$$

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

71.2	-6.4				+7		+18.8		-19.9
		-34.6		+30.1					
				18.7					+43
-2.3		+36		-15					
							-5.5		-3.6
-12				-35.7			-27		
	-14.5		+32				-9.9	51.7	

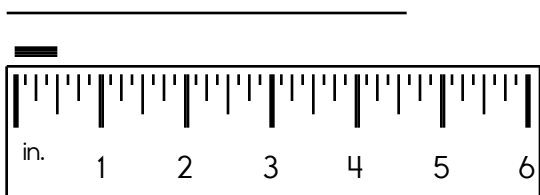
94.2	-30.4			66.1	+27.3	93.4	-16.1	
		+4.8		-6			77.3	
	+27.9					19.8	-57.5	
-11				+1.6		+9.7		
	+8		-23	70.5			-14.1	15.4



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

X	3		4	2			
6			24				24
	$6 \times 3$	$6 \times \underline{\quad}$	$6 \times 4$	$6 \times 2$	$6 \times \underline{\quad}$	$6 \times \underline{\quad}$	$6 \times \underline{\quad}$
6				12	6		
	$6 \times 3$	$6 \times \underline{\quad}$	$6 \times 4$	$6 \times 2$	$6 \times \underline{\quad}$	$6 \times \underline{\quad}$	$6 \times \underline{\quad}$
			8	4			
	$\underline{\quad} \times 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times 4$	$\underline{\quad} \times 2$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
		5		10			
	$\underline{\quad} \times 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times 4$	$\underline{\quad} \times 2$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
6	18					24	24
	$6 \times 3$	$6 \times \underline{\quad}$	$6 \times 4$	$6 \times 2$	$6 \times \underline{\quad}$	$6 \times \underline{\quad}$	$6 \times \underline{\quad}$
						12	
	$\underline{\quad} \times 3$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times 4$	$\underline{\quad} \times 2$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$
3				6			
	$3 \times 3$	$3 \times \underline{\quad}$	$3 \times 4$	$3 \times 2$	$3 \times \underline{\quad}$	$3 \times \underline{\quad}$	$3 \times \underline{\quad}$
1		1					
	$1 \times 3$	$1 \times \underline{\quad}$	$1 \times 4$	$1 \times 2$	$1 \times \underline{\quad}$	$1 \times \underline{\quad}$	$1 \times \underline{\quad}$

Write the length in inches.



$$84 + 5 = \underline{\quad}$$

$$\begin{array}{r} 50 \\ + 80 \\ \hline \end{array}$$



 I did page 9 I decided to skip this page  
edHelper

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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

Write this number:  
7 hundreds, 5 ones

What number multiplied by  
five is thirty?

Write this number:  
2 ones, 8 tens, 5 hundreds

$$5 + 5 - 4 - 4 + 2$$

3 more than 453

$$9 + 2 - 3$$

Rose has 12 cookies. She  
and her 4 friends shared  
them equally. How many  
cookies did Rose keep?

$$56 \div 7 = 8$$

Mary has \$34. She wants  
to buy something that costs  
\$97. How much more does  
she need?

$$12 \times 5 =$$

If you exchange 90 dimes  
for dollars, then how many  
dollars would you get?

$$9 - 4 \div 1$$



I did page 10

I decided to skip this page  
edHelper

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

Spin again.

I needed to spin \_\_\_\_\_ time(s) to finish.

A, K, C, \_\_\_\_\_, E, Q,  
G, T, I, W

double 800

$$\begin{array}{r} 49 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 478 \\ - 48 \\ \hline \end{array}$$

If you know  
 $81 + 32 = 113$   
Then what is  $81 + 30$ ?

Is 29 a composite or a  
prime number?

What number is halfway  
between 0 and 20?

Is 27 a composite or a  
prime number?

Find the product of 9 and 4.

C, M, D, N, E,  
\_\_\_\_\_, F, P, G, Q

How many tens are in the  
number 19,000?

There are 2 groups of 5  
rocks. How many rocks?

How many total legs are on  
40 dogs.

$$(5 + 1) - 2$$















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

Chad's dad owns a construction company. His team helps to create incredible buildings around town. Right now, his team has 2 different project offers. He's trying to decide which one will be most beneficial for his employees. The first one, Job A, will pay each construction worker \$23 per hour for a total of 350 hours. The second job, Job B, will pay each employee \$18 per hour but will take 475 hours to complete. Which job should Chad's dad choose if he wants to help his employees make the most money?

Show your work.

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


Puzzle:


		<b>10</b>		<b>30</b>
				<b>31</b>
			<b>10</b>	<b>20</b>
				<b>27</b>
<b>24</b>	<b>26</b>	<b>28</b>	<b>30</b>	<b>+</b>


Work Area:


		<b>10</b>		<b>30</b>
				<b>31</b>
			<b>10</b>	<b>20</b>
				<b>27</b>
<b>24</b>	<b>26</b>	<b>28</b>	<b>30</b>	<b>+</b>

The sum for each column  
and row is given.

















 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_


Puzzle:


				<b>19</b>
				<b>31</b>
				<b>39</b>
				<b>37</b>
<b>29</b>	<b>30</b>	<b>33</b>	<b>34</b>	<b>+</b>


Work Area:

				<b>19</b>
				<b>31</b>
				<b>39</b>
				<b>37</b>
<b>29</b>	<b>30</b>	<b>33</b>	<b>34</b>	<b>+</b>


The sum for each column  
and row is given.

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

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

Connor lives on the planet Samooza where people like to collect small aliens as pets. Connor has been collecting them, also. His favorites are the Cerulean, Razzmatazz, and the Outer Space aliens.

The Cerulean have 4 eyes, 2 noses, and 2 arms.

The Razzmatazz have 3 eyes, 3 noses, and 8 arms.

The Outer Space have 7 eyes, 4 noses, and 5 arms.

Yipee! Connor has a total of 128 alien eyes, 76 alien noses, and 108 alien arms in his pet collection.

How many aliens does he have?

How many of each of these three types of alien pets does he have?

Show your work. Try not to go alien figuring this out!

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

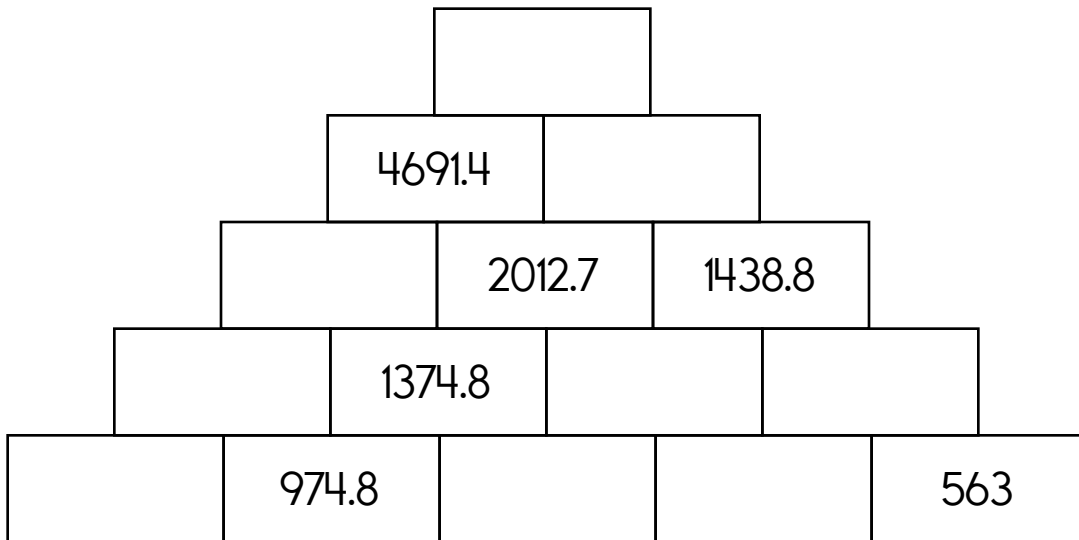
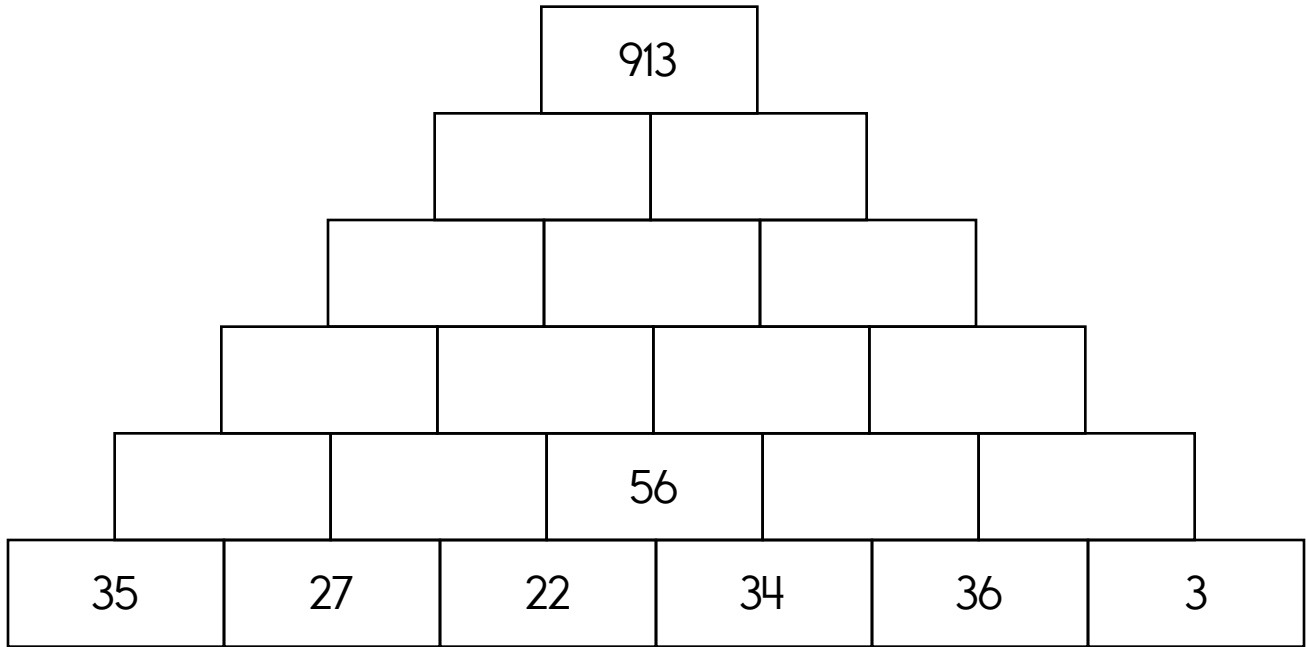
Miss Anderson's class wrote about responsibility on Blame Someone Else Day. Each student wrote three pages. There are twenty-two students in Miss Anderson's class. How many pages in all did the students write?

Adam and his family went on a picnic on National Goof Off Day. He put the food in the basket. He put two cookies for each person in the basket. There are six people in Adam's family. How many cookies did he put in the basket?

The students in Mr. Martin's class made a banner for World Hello Day. The banner was thirty-nine feet long and four feet wide. What was the perimeter of the banner?

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

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



$$\begin{array}{r} 629,157 \\ - 584,303 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 17 \\ \hline \end{array}$$

Find the sum of 13, 20, and 45.

Circle the relative adverb.  
then, when, you, she



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

Miss Anderson's class made an April Fool's Day banner for the hall in their school. They painted clowns on the ends of the banner and wrote "Happy April Fool's Day" in big red letters. The banner was 24 feet long and 5 feet wide. What was the perimeter of the banner?

The Sugar and Spice Bakery sold 583 donuts this week. They sold 193 chocolate-covered donuts, 179 cream-filled donuts, and 111 cinnamon donuts. The rest of the donuts they sold were the ones with candy sprinkles. How many donuts with candy sprinkles were sold that week?

Draw an area model to solve  $36 \times 8$ .

There are 3 birthdays in our class for the month of November. Adam, Hunter, and Ava all have birthdays. Ava is the last to celebrate. Her birthday is on the last day of the month. If you add the day numbers of the other birthdays, it equals the day number that Ava celebrates her birthday. The first person to celebrate is Adam. His birthday is 12 days before the next birthday. On what day numbers are each of their birthdays?

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



Write your own math problem here.

Ask the person who helped you to try to solve your problem.

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

**Pay the bill!**

Rent is due. Emily needs to pay her landlord \$3,200. Her landlord's name is Jenna Allen.

<b>EMILY</b>	1549
	<b>DATE</b> _____
<b>PAY TO THE ORDER OF</b> _____	\$ <input style="width: 100px;" type="text"/>
_____	<b>DOLLARS</b>
<b>MEMO</b> _____	_____
<b>⑆992300293⑆</b>	<b>⑈45639⑈ 1549</b>

**Pay the bill!**

Emily received a bill from Central Water for \$195.78. Write the check as Emily would write it.

<b>EMILY</b>	1550
	<b>DATE</b> _____
<b>PAY TO THE ORDER OF</b> _____	\$ <input style="width: 100px;" type="text"/>
_____	<b>DOLLARS</b>
<b>MEMO</b> _____	_____
<b>⑆992300293⑆</b>	<b>⑈45639⑈ 1550</b>

Write the number that has exactly 2 tens.

Write the number that is one hundred more than 2,777.

Rose has 20 nickels. How much money is that?

Draw a small clock that shows 5 minutes to 9:00.

45, \_\_\_\_\_, 63, 72, 81,  
90, 99, 108

$27 \div \underline{\quad} = 9$

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

**Pay the bill!**

Justin needs money. He wants to get \$80 in cash, so he writes a check payable to cash in this amount. Write this check.

JUSTIN	1398
DATE _____	
PAY TO THE ORDER OF _____	\$ <input type="text"/>
_____ DOLLARS	
MEMO _____	
⑆994529785⑆	⑈57027⑈ 1398

**Pay the bill!**

Justin received a bill for his cellphone from Mobile Unlimited for \$43.68. Write the check as Justin would write it.

JUSTIN	1399
DATE _____	
PAY TO THE ORDER OF _____	\$ <input type="text"/>
_____ DOLLARS	
MEMO _____	
⑆994529785⑆	⑈57027⑈ 1399

Is 15 a composite or a prime number?

Kevin earns \$19 an hour. He worked 6 hours. How much did he make?

$11 + (7 - 7)$

How many total legs are on 23 zebras.

$8 \times 1 + 11$

Is 339 closer to 300 or 400?

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

Two prime numbers are each greater than 1 and less than 21. When these two prime numbers are added together, they have a sum of 24.

What are the two prime numbers?

What one-digit number is missing in this equation?

$$14 \times \underline{\quad} + 15 = 141$$

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



Round 63 to the nearest ten.

Find the product of 7 and 3.

The number 82 is more than the number 7 by how much?

How many hundreds are in the number 320,000?

Is 23 a composite or a prime number?

How many tens are in the number 90?

13, 15, 17, \_\_\_\_\_, 21, 23,  
25, 27, 29

$15 \div 5 =$

What is 18 less than 1,299?

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

Is 45 a composite or a prime number?

(4), (2), (1),  $\frac{1}{2}$ ,  
\_\_\_\_\_,  $\frac{1}{8}$ ,  $\frac{1}{16}$ ,  $\frac{1}{32}$

How many total legs are on 80 chickens.

$627 + 7 =$

What is the sum of 5 and 77?

$12 \times 6 =$

Double the number 9 three times.

A book has 4 pages. Each page has 12 dimes. How many dimes in the book?

$\text{double } 11 =$

Name the shape with four sides and four angles.

What number is halfway between 0 and 24?

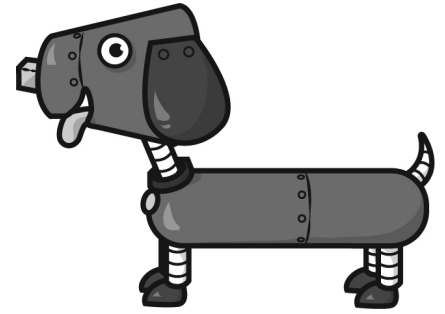
How much greater is 175 than 44?

Write the first 7 multiples of 8.

29, 30, 31, 33, 35, 38,  
41, 45, 49, 54,  
\_\_\_\_\_, 65, 71, 78, 85,  
93

Draw a small clock that shows 20 minutes past 9:00.

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

For this page calculate  
a dog's life as follows:First year of dog's life  
is 15 human years.Second year of dog's life  
is 9 human years.Every other year of dog's life  
is 5 human years.How many times  
do you need to spin?I needed to spin \_\_\_\_\_  
time(s) to finish the page.

Spin fidget spinner. Quick!

I needed to spin \_\_\_\_\_ time(s) to finish.

Dog's Age: <u>64</u> Human Years: <u>10</u>	Dog's Age: <u>64</u> Human Years: _____	Dog's Age: <u>74</u> Human Years: _____	Dog's Age: <u>15</u> Human Years: _____
Dog's Age: <u>29</u> Human Years: _____	Dog's Age: <u>69</u> Human Years: _____	Dog's Age: _____ Human Years: <u>2</u>	Dog's Age: <u>29</u> Human Years: _____
Dog's Age: _____ Human Years: <u>9</u>	Dog's Age: _____ Human Years: <u>12</u>	Dog's Age: <u>59</u> Human Years: _____	Dog's Age: <u>39</u> Human Years: _____
Dog's Age: _____ Human Years: <u>4</u>	Dog's Age: <u>69</u> Human Years: _____	Dog's Age: _____ Human Years: <u>4</u>	Dog's Age: _____ Human Years: <u>2</u>
Dog's Age: <u>54</u> Human Years: _____	Dog's Age: <u>54</u> Human Years: _____	Dog's Age: _____ Human Years: <u>7</u>	Dog's Age: _____ Human Years: <u>5</u>



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

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

8+ 1234	1234	7+ 1234	1 1234
1 1234	4+ 1234	1234	6+ 1234
6+ 2 1234	1 1234	6+ 1234	1234
1234	2 1234	1234	3 1234

Fill in the blanks. These equations are from the puzzle above.

$___ + 1 = 4$

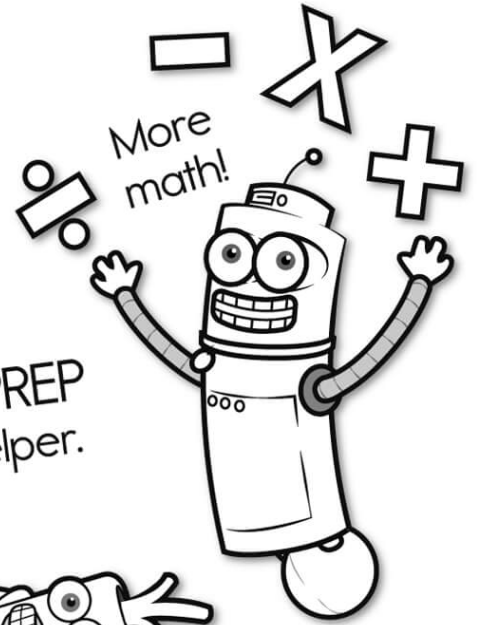
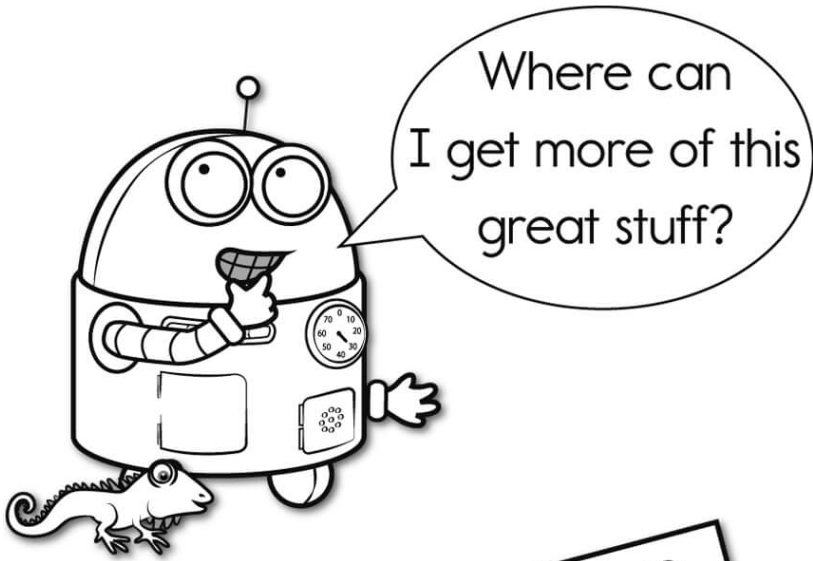
$___ + 1 + ___ = 8$

$2 + ___ = 6$

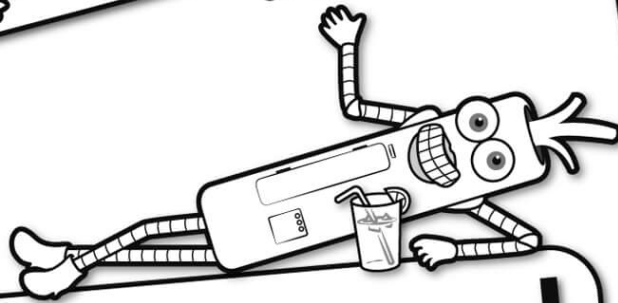
$2 + ___ = 6$

$___ + ___ + 2 = 6$

$___ + 1 + ___ = 7$

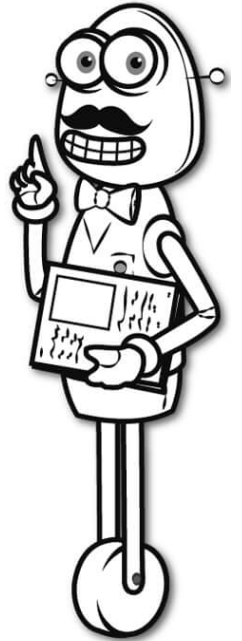


It's NO PREP at edHelper.

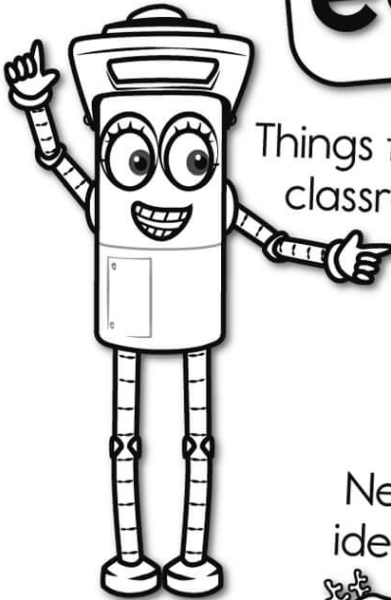


**edHelper.com!**

More history!

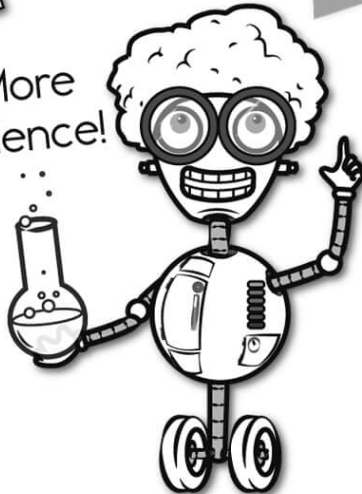


Things for the classroom!



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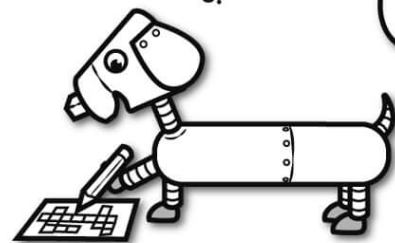
More science!



New ideas!



More puzzles!



# Take The Boring Out Of Homework!

Easy to  
print!

edHelper

## Weekly K-6 "Take It Home" Books

Kids want choices  
for homework.  
"Take It Home" books  
have fun graphics and  
challenging puzzles and  
problems for older kids.

"Dr. Programmer"  
challenges kids..

Homework  
will never be  
the same!

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