

Math

Distance Learning

Book #1



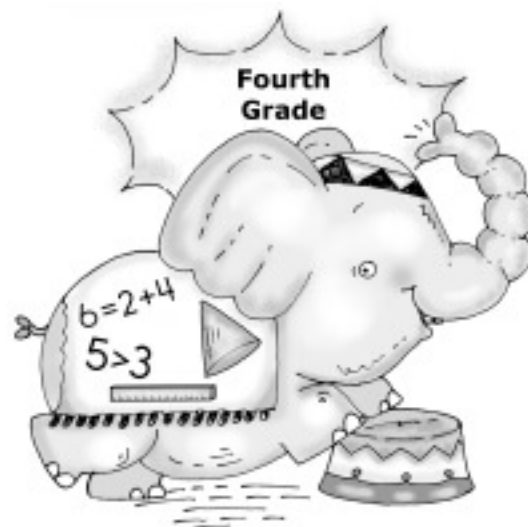
My Name: _____

Do all of these,
but skip 2 pages:

- | | | |
|---------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> page 1 | <input type="checkbox"/> page 10 | <input type="checkbox"/> page 22 |
| <input type="checkbox"/> page 2 | <input type="checkbox"/> page 11 | <input type="checkbox"/> page 23 |
| <input type="checkbox"/> page 3 | <input type="checkbox"/> page 12 | <input type="checkbox"/> page 24 |
| <input type="checkbox"/> page 4 | <input type="checkbox"/> page 13 | <input type="checkbox"/> page 25 |
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| <input type="checkbox"/> page 6 | <input type="checkbox"/> page 15 | <input type="checkbox"/> page 27 |
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| <input type="checkbox"/> page 8 | <input type="checkbox"/> page 17 | <input type="checkbox"/> page 29 |
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| | <input type="checkbox"/> page 19 | |
| | <input type="checkbox"/> page 20 | |
| | <input type="checkbox"/> page 21 | |

Find a helper.

He/she helped by checking my work.



Name: _____

Play Math on your Computer or Phone

On your computer: edHelper.com/math-games.htm

On an iPhone/iPad: Get the edHelper app

Play 7 times and write your score.

Start the math game by picking:
Play Fourth Grade Math (no skill selection)



Your class code: _____

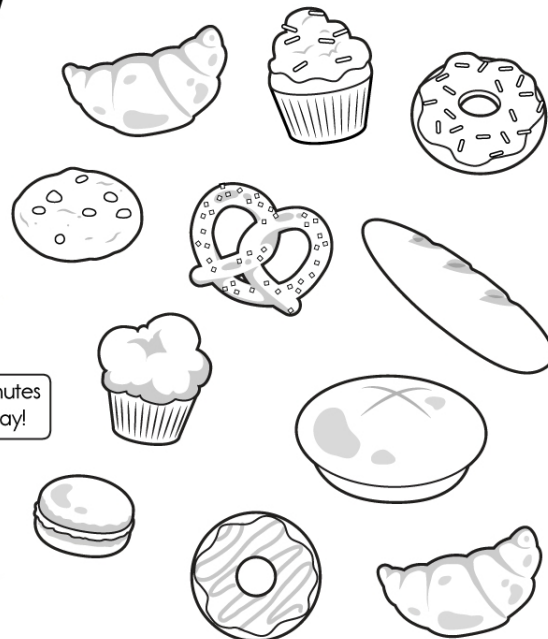
Day You Played	Points at End
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Let's Play School

by edHelper



Color one each time you play:



Name: _____

Mrs. Davis sent an e-mail out to parents asking them if they could each send in 12 packs of pocket tissues. In her e-mail she said, "We have 182 days of school this year. In my experience, we go through an average of one-and-a-half packs of pocket tissues a day. I'd appreciate it if you could give 12 packs of pocket tissues to your child so that we will have plenty of tissues to go around."

There are 18 kids in the class. At the end of the week, 14 of the kids followed directions and brought 12 packs of tissues to class. Mrs. Davis picked up a case of pocket tissues, which has 72 packs, at the store.

Do you think the class will have enough tissues to last the entire year?

Show your work.

Name: _____

"Hannah," yelled her mom. "Clean your room."

Hannah did not clean her room often. She actually went to her room to clean it (or so she thought). When she opened her closet, it was a disaster. There were beads all over the place. One box was labeled "250 random cube beads." Another box was labeled "640, or so, cube beads - do not touch unless you are Hannah."

She decided to make a necklace for her mom. It only took her 2 minutes to make a necklace, so she decided to make a lot of them.

"These are so cool," she told her mom. "Each cube bead has a heart shape in four colors on each side of the cube."

"Are you sure?" interrupted Mom. "A cube has six sides not four. Just like a die has the numbers 1 to 6 on it."

"I'm sure," replied Hannah. "The other two sides are the holes so I can put the string through it!"

Hannah made sixteen necklaces. She used 32 cubes for each necklace.

How many hearts are there all together in the necklaces she made?

How many more necklaces could she make using the same number of cubes if she wants to use up all of her beads?

She's done making necklaces. How long did it take her to make all of those?

Name: _____

Rosa took home some pictures she drew at school. She found tape to put the pictures on the wall in her room. Each picture needed four pieces of tape. She used 24 inches of tape. Wow! That's a lot of tape. How many pictures did she put up. Oh, wait. You don't have enough information. Each piece of tape was 3 inches.

Kevin drew a rectangle that is 6 inches by 10 inches. He wants to arrange some crackers on top of his rectangle. The crackers are each 3 inches by 5 inches. How many crackers can he place onto his rectangle without overlapping them?

David is bored, so he decides to start coloring the outside sidewalk. Would you believe every 15 minutes he goes through 8 pieces of chalk. That's a lot of chalk! After 2 hours his arms are so tired he quits. How much chalk did David use?

Name: _____



Are you busy?

Complete this page
to skip a few pages.

**Skip an additional 2 pages in this workbook
if you finish this page!**

Instead of working on this book, here is a list of some things I plan on doing.

A couple of suggestions are listed. If you don't want to do these, just write 0 minutes!

Reading _____ minutes

Playing outside _____ minutes

I want extra time to go to bed early instead of doing homework! _____ minutes

Help with dinner _____ minutes

Write a story _____ minutes

Spending time with my _____ minutes

_____ minutes

_____ minutes

_____ minutes

_____ minutes

You don't need to fill in all of these lines unless you are THAT busy!

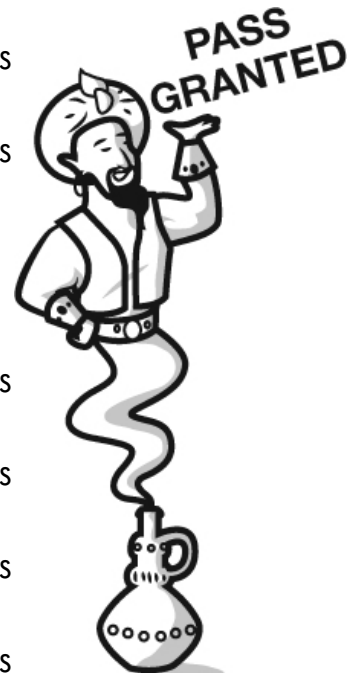
Last but not least, I also want to do something I don't usually do....

Maybe go up a slide backwards? _____ minutes

Meditate (say... what now?!?!?) _____ minutes

_____ minutes

_____ minutes



Name: _____

Find a computer to practice your math skills.

Go to: edhelper.com/math-games.htm

Or use your iPhone/iPad and start the edHelper app.

Click the fourth grade link, find your assigned skill, and play!

Find and click each skill on the math game page to play. Record your score.

Date	Score	Skill
_____	_____	Pre-Test of Place Value and Number Sense
_____	_____	Digits in Numbers
_____	_____	Place Value Fun
_____	_____	Place Value Names
_____	_____	Reading Number Words (up to a million - 1,000,000)
_____	_____	Reading Number Words (up to a billion - 1,000,000,000)
_____	_____	Writing Numbers as Words (up to a billion - 1,000,000,000)
_____	_____	Prime and Composite Numbers (up to 20)

Final Review - Play this skill 2 times and record your score each time.

Date	Score	Skill
_____	_____	Place Value and Number Sense Review
_____	_____	Place Value and Number Sense Review

How long will
each game take?

5-6 minutes

Name: _____

"It's simple," said Jack. "I purchased a container of 500 sprinkles, and there are 227 sprinkles left. So how many cookies did I make?"

All Hannah could do was stare at her brother until she finally had the courage to say, "8?"

"Nope," replied Jack.

"Not fair! You didn't tell me how many sprinkles go into each cookie," whined Hannah.

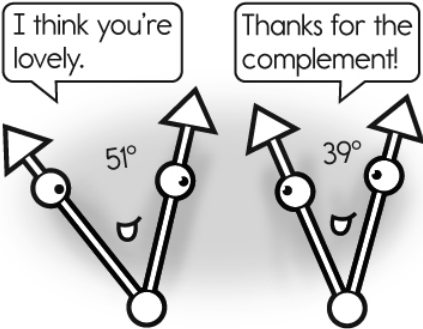
"Fine," said Jack. "I used a half-teaspoon of butter for each cookie, 7 chocolate chips in each cookie, and for each chocolate chip I used 3 sprinkles. I also put 2 raisins into each cookie."

How many cookies did Jack make?

Show your work.

Name: _____

Complementary and Supplementary Angles

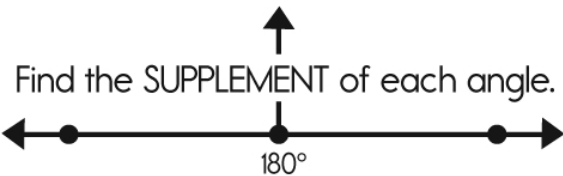


22° _____

10° _____

54° _____

71° _____



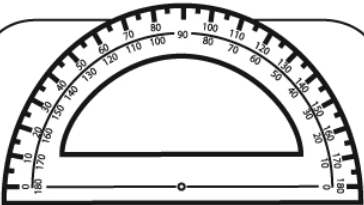
64° _____

102° _____

15° _____

175° _____

88° _____



Find something in the room that is at an angle. Draw it here.

estimate the angle

°

supplementary angle

°

complementary angle

°

Name: _____

Mr. Smith loves to give homework. "The more the better!" Mr. Smith always says to his students.

"I hope I get him next year," said Sally to April as they were walking to school. She had heard about the daily homework pass. "Did you hear that if you are the first to answer the question of the day on the board, you can skip homework for a week?"

"I know," said April. "He is my teacher this year. I hope you get him next year. Anyway, see you later after class."

When April walked into class, she saw Mr. Smith had already written the challenge:

"Would you believe in my family, my brother, my sister, and myself were all born in August? My older brother, John, was born in 1976. We were born 3 years apart. My older sister, Samantha, was born in 1973."

How old was Samantha when Mr. Smith was born?

The next day the board said:

"How old is Mr. Smith?"

Name: _____

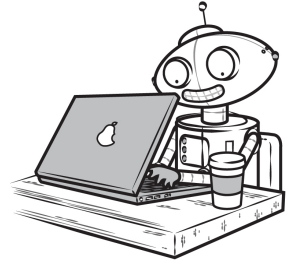
Mr. Smith loves writing problems, and for some reason, he loves talking about himself! He wrote his "skip homework for a week" problem on the board:

"Now that you know how old I am, let me tell you a story. When I was in the fourth grade, I read a story about a girl in the paper who rode her bike 600 miles during the summer. And she was only 12 years old. Wow! I couldn't even ride a mile in the fourth grade without getting tired. Okay, I'm joking. Once I did ride 3 miles, but that was because I got lost. Anyway, how old is that girl approximately today?"

Show your work.

Name: _____

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.



Dr. Programmer typed:

```
tens = 4  
ones = 6  
print ("My number is ",tens,ones)
```

The computer replied:

My number is 46

```
tens = 5  
ones = 8  
print ("My number is ",tens,ones)
```

____ _

```
tens = 8  
ones = 7  
print ("My number is ",tens,ones)
```

____ _

```
tens = 6  
ones = 5  
print ("My number is ",tens,ones)
```

____ _

```
ones = 7  
tens = 8  
hundreds = 7  
print ("My number is ",hundreds,tens,ones)
```

____ _

____ _

Name: _____

```
ones = 8
tens = 7
hundreds = 2
print ("My number is ",hundreds,tens,ones)
```

____ _

____ _

```
ones = 7
tens = 7
hundreds = 5
print ("My number is ",hundreds,tens,ones)
```

____ _

____ _

```
tens = 3
print (tens," tens is ",tens,'0')
```

3 tens is 30

```
tens = 4
print (tens," tens is ",tens,'0')
```

__ _ _ _

```
tens = 8
print (tens," tens is ",tens,'0')
```

__ _ _ _

```
tens = 71
print (tens," tens is ",tens,'0')
```

71 tens is 710

```
tens = 63
print (tens," tens is ",tens,'0')
```

__ _ _ _

Name: _____

Mary started collecting squishies ever since Squishy World opened at the mall. She gets \$5 per week in allowance and has been using almost all of her money to buy squishies.

Kevin always copies his sister. He gets an allowance of \$4 per week since he is younger. He decided to start buying a new series of ugly, smelly squishes that Squishy World sells.

Kevin separated his squishies into groups of 4. "Check out my little squishy families," he said to Mary.

"I see you have 2 squishies left over. Too bad they aren't in a family," she said with a smirk. But then Mary tried creating families of 4 with her squishies, and she had 2 squishes left over.

They decided to try families of 5. Mary had 3 left over, and Kevin had 1 left over.

"So close!" said Kevin. "Here Mary, you can have this one leftover."

Mary now has a total of 39 squishies. How many does Kevin have?

Show your work.

☐

I did page 14

☐

I decided to skip this page

Name: _____

"Wow, you can code apps?" asked Ronald.

"Like, yeah!" replied Sally. But then Sally remembered she still had some work to do on her app. She just learned to use `\n` to go from one line to the next.



Sally wants her program to print this:

Wow!

Write the code:

```
print ("____\n")
```

Ronald is going to add to Sally's program. He wants it to now print this instead:

Wow!

Look at that dog.

Write the code:

```
print ("____\n")
print ("_____")
```

Sally is making something for April.

Hi, April.

Want to ride bikes?

Write the code:

```
print ("Hi, April.\n")
print ("_____r_____b_____?__")
```

April wants to reply with:

Yes!

Write the code:

```
_____
```

☐

I did page 15

☐I decided to skip this page
edHelper

Name: _____

The sign on the rusty brown truck said, "For Sale. \$292." Max counted his money. He only had \$196.56. How much more money does he need to buy the truck?

David cut six pizzas into 15 pieces each. How many pieces of pizza did he have in all?

Anne needs to buy water for the cafeteria.

"Can you please pick up 53 quarts of water?" asked the principal.

When Anne got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

Connect coin groups to make 70 cents. How many groups can you make?

5 pennies

3 dimes

1 dime

25 pennies

15 pennies

6 nickels

2 quarters

1 quarter

1 nickel

☐

I did page 16

☐I decided to skip this page
edHelper**Name:** _____

Did you know that you don't always have to use the word **clean** in your writing? Try to use different words for an overused word like **clean**. It will make your work more fun for others to read.

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

S T A I N L E S S S O F
 W H O L E S O M E T B R L
 N E A T E R D A
 S P O T L E S S R I E W
 U N B L E M I S H E D I G R L
 I M P E C C A B L E L H L E
 I M M A C U L A T E E T Y S
 U N S O I L E D S
 U N T A R N I S H E D
 C L E A R T I D Y

Write the words found.

TIDY	UNTARNISHED	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Write something using the word **clean** at least two times.

Now rewrite your boring writing without using the word **clean**.

I can't wait to read it!

Name: _____

Wendy stacked six of her brother's blocks on top of each other. How many sides of the blocks could she see without moving any of them?

Early today seventeen geese flew over our house. This afternoon eight more geese flew over. Write an expression for the total number of geese that flew over our house.

There are some geese in the pond at the zoo. Three of them got out of the pond to eat. Now there are twelve geese in the pond. Write an equation to represent this.

Name: _____

"Or" Questions:

```
if (true or false)
  print ("We have one true so it is true.");
else:
  print ("Everything is false so it is false");
```

The computer will print:

We have one
true so it is
true.

```
A = false or true;
print (A);
```

true

```
A = true or false;
print (A);
```

```
A = false or false;
print (A);
```

```
A = not (false);
print (A);
```

```
A = not (true or true);
print (A);
```

```
A = not (true or false);
print (A);
```

Name: _____

```
a="February";
```

```
if (a=="January") or (a=="February")  
    print ("You are in group 1.");
```

```
if (a=="March") or (a=="April")  
    print ("You are in group 2.");
```

```
P = "Brazil";
```

```
if (P=="Canada") or (P=="Mexico") or (P=="US")  
    print ("That is in North America.");
```

```
else:
```

```
    print ("I am not sure where that is.");
```

```
print("Need a NOT");
```

```
A = not (true or true or false);  
print (A);
```

```
A = not ( not( true ) );  
print (A);
```

☐

I did page 20

☐I decided to skip this page
edHelper

Name: _____



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.

17 hundreds

two tens

45 hundreds

27 ones

eight thousands and three
hundreds

six thousands and four ones

98 thousands

54 thousands

seven ten-thousands and
two thousands

three tens

77 ones

nine tens

69 hundreds

four hundreds and five ones

85 tens

Name: _____

True, Not True, False, and Not False

True True

Not True False

False False

Not False True

**With "OR"
only ONE true is needed.**

True or False True

True or True True

False or True True

False or False False

Not True _____

Not False _____

False _____

True _____

True or True _____

True or False _____

False or True _____

False or False _____

Summertime

Go to the pool	
Ride bikes	
Go on vacation	

Do more students like to go to the pool or ride bikes during the summer?

How many students like to go on vacation during the summer?

Which is longer: three feet or thirty-one inches?

Write the number for seven thousand, fifty-one.

$$\begin{array}{r} 71 \\ - 10 \\ \hline \end{array}$$



☐

I did page 22

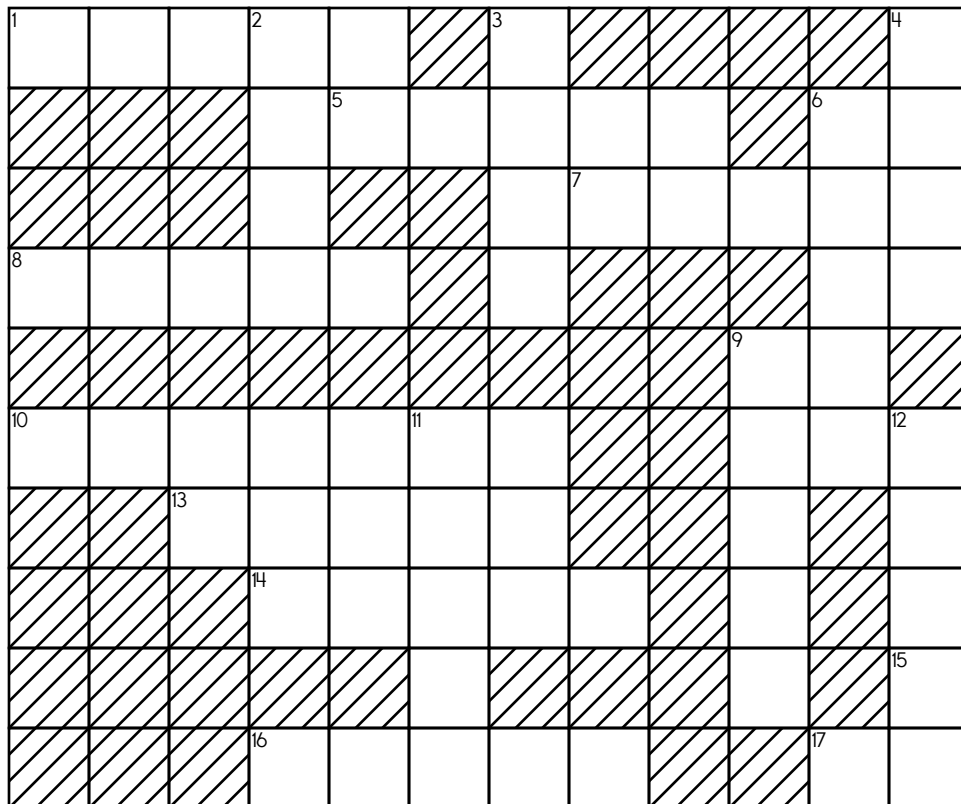
☐I decided to skip this page
edHelper

Name: _____

ACROSS**DOWN**

1. the tens in 17-Across + the ten thousands in 16-Across + the ones in 15-Down
5. the ones in 15-Down + the thousands in 16-Across + the ten thousands in 13-Across + the tens in 8-Across
7. the tens in 8-Across + the ones in 15-Down + the ten thousands in 13-Across
8. the ones in 17-Across + the tens in 15-Down + the thousands in 16-Across + the ten thousands in 1-Across
10. **one million, seven hundred forty-one thousand, one hundred sixty-one**
13. the ten thousands in 1-Across + the ones in 8-Across + the tens in 15-Down
14. the tens in 16-Across + the ones in 9-Down + the ten thousands in 5-Across + the thousands in 12-Down
16. sixty-two thousand, thirty-two
17. $8 + 15$

2. the ones in 16-Across + the thousands in 5-Across + the tens in 7-Across
3. the ones in 13-Across + the tens in 15-Down + the thousands in 16-Across
4. the ones in 2-Down + the tens in 14-Across + the thousands in 5-Across
6. the tens in 11-Down + the thousands in 3-Down + the ones in 8-Across + the ten thousands in 13-Across
9. the ones in 15-Down + the tens in 12-Down + the ten thousands in 7-Across
11. the thousands in 5-Across + the ten thousands in 16-Across + the tens in 9-Down
12. the ones in 13-Across + the tens in 17-Across + the ten thousands in 1-Across + the thousands in 8-Across
15. $6 + 17$



Name: _____

Find 2 equations hidden in each box. Good luck!

$55 + 8$

$3 + 30$

$1 + 77$

65

$5 + 38$

$14 + 4$

$22 + 5$

67

54

$7 + 37$

$17 + 5$

18

78

$4 + 57$

40

Write 2 equations: _____

24

12

18

49

3

0×2

1

8×7

9×1

81

7×5

2×1

32
 9×3

4×6

4×7

15

4×9

0

Write 2 equations: _____

$3 - 1$

$9 - 1$

$5 - 4$

$6 - 1$

2

$8 - 5$

$8 - 1$

8

Write 2 equations: _____

Name: _____

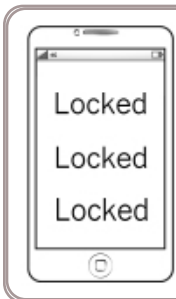
The ones place is the missing number from this pattern:

1, ____, 11, 16, 21

The thousands place is the value of a nickel and three pennies.

Write the sum of 7 and 1 in the hundreds place.

The tens place is the value of a nickel and four pennies.



Help! Your phone is locked. Use the clues above to unlock it. Good luck!

____, ____ ____
is the code to unlock

Double Check

The sum of the numbers in your unlock key should be 31.
Is it? Show your work to double check that your unlock
key is correct.

Holly's mother bought
forty-eight stamps.
One-half of the stamps
had birds on them. The
rest of the stamps had
pictures of bears on them.
How many stamps had
pictures of bears on
them?

Fill in the blanks with
these numbers:

6, 9, 3

$$\begin{array}{r} \boxed{} 1 \\ + \boxed{} 7 \\ \hline \boxed{} 8 \end{array}$$

Fill in the blanks with
these numbers:

5, 3, 8

$$\begin{array}{r} 2 \boxed{} \\ + 6 2 \\ \hline \boxed{} \boxed{} \end{array}$$

$10 + \boxed{} = 13$

$4 + \boxed{} = 7$

$4 + \boxed{} = 6$

$12 + \boxed{} = 19$

$11 + \boxed{} = 14$

$4 + \boxed{} = 8$

$6 + \boxed{} = 12$

$12 + \boxed{} = 20$

Name: _____

True, Not True, False, and Not FalseTrue TrueNot True FalseFalse FalseNot False True**With "AND" both need to be true.**True and False FalseTrue and True TrueFalse and True FalseFalse and False False

False _____

Not False _____

True _____

Not True _____

False and False _____

False and True _____

True and True _____

True and False _____

The number 64 is more than the number 9 by how much?

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

Double the number 8 three times.

Round 163 to the nearest ten.

Round 587 to the nearest hundred.

 $(9 + 3) \times 7$

How many tens are in the number 5,400?

Write the number that is one hundred less than 4,667.

Write the number that is one ten more than 7,566.

Name: _____

I am a 3-digit number less than 400. My hundreds digit and ones digit are the same. Write any number that fits this.

I am the smallest whole number that will round to 670,000 when you round to the nearest ten-thousand.

Use any of these digits. Cross off a digit after you use it.

2

7

3

1

1

3

9

What is the smallest 4-digit even number that you can make?

Name: _____

Robot 1 said, "I have YYYYYYY robot cats."

Robot 2 said, "I have Y robot cats."

Robot cat said, "Each Y stands for two cats. We have lots of cats!"

How many more cats does Robot 1 have?

Pumpkins are on sale for \$1.17 per pound. Alex bought a 2-pound pumpkin. Justin bought a 7-pound pumpkin. How much more did Justin pay?

Jessica has 29 nickels. How much money is that?

How much greater is 171 than 39?

What is the sum of 5 and 89?

Name: _____

Four years ago Jenna was 7 years old. How old will she be in 7 years?

18
6
10

$$5 + 50 + 500 =$$

567
55,500
15
555

Five years ago Sara was 9 years old. How old was she three years ago?

8
11
13

What time was it 22 minutes before 7:15?

7:37
7:51
6:53

The answer is three hundred sixty. What is the question?

690×660
 650×660
 60×6

If today is Tuesday, then what day was it 14 days ago?

Sunday
Thursday
Tuesday

What number is the largest whole number that is less than 215 and is a multiple of 9?

1006
208
207
856

Jacob is a super growing water balloon. He is already 4 m tall and is growing at a rate of 2 cm every minute. How tall will Jacob be in 8 minutes? Assume he doesn't pop!

418 cm
41,600 cm
416 cm

Anna and Nathan have the same amount of money. Anna has 5 quarters. What does Nathan have?

4 dimes + 3 nickels
10 dimes + 5 nickels
12 dimes + 2 nickels

What is the smallest prime number greater than 42?

43
49
32
52

The answer is three thousand, eight hundred. What is the question?

30×10
 300×3100
 38×100

What time was it 24 minutes before 1:15?

1:50
12:51
1:39

If today is Monday, then what day was it 11 days ago?

Thursday
Tuesday
Sunday

Four years ago Megan was 11 years old. How old was she eight years ago?

8
18
7

The answer is thirty-three thousand. What is the question?

300×1100
 1100×34
 30×1100

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

$$(11 + 4) - 3 = 12$$

$$3 + (6 + 2) = 11$$

$$4 - 2 + 2 = 4$$

$$4 - 2 + 2 = 0$$

$$10 - 6 + 4 = 8$$

$$10 - 6 + 4 = 0$$

$$6 + 2 - 1 = 7$$

$$1 + 12 - 7 = 6$$

$$8 + 9 - 5 = 12$$

$$11 - 3 + 1 = 9$$

$$12 + 3 + 6 = 21$$

$$9 - 4 + 10 = 15$$

$$1 + 12 - 4 + 4 = 13$$

$$12 + 9 - 1 + 5 = 25$$

$$11 + 7 - 6 + 1 = 13$$

$$4 - 2 + 7 + 12 = 21$$

$$12 - 12 + 7 + 7 = 14$$

$$10 + 11 + 9 - 12 = 18$$

Name: _____

Which fact belongs to the same family as $42 \div 6 = 7$

- A) $6 \times 7 = 42$
- B) $13 \times 3 = 39$
- C) $6 \div 7 = 42$
- D) $42 - 7 = 6$

Brad's house has a garden that is in the shape of a square. If each side of the garden is 19 feet, then what is the perimeter of the garden?

- A) 22 feet
- B) 68 feet
- C) 76 feet
- D) 38 feet

If you wanted to estimate the difference of 67 and 27, what would your answer be (round by tens)?

- A) 20
- B) 40
- C) 30
- D) 100

24 inches is

- A) less than 3 feet
- B) equal to 4 feet
- C) more than 2 yards
- D) more than 1 yard

Which of the following numerals has a 1 in the hundreds place?

- A) 4132
- B) 2431
- C) 3421
- D) 4312

How many quarts in 4 gallons?

- A) 28 quarts
- B) 128 quarts
- C) 16 quarts
- D) 40 quarts