Name: _____

Mental Math
Do it in your head!

Oh!

	+1	-1	+10	-10	+3	-3	+100
60							
39							
22							
86							
58							
141							
473							
765							
234							
877							

Name: _____

Pay the bill!

David received a bill from Central Water for $288.21. Write the check as David would write it.

SAMPLE

DAVID

1757

DATE January 30, 2025

PAY TO THE ORDER OF Central Water $ $288.21

two hundred eighty-eight and twenty-one cents DOLLARS

MEMO water bill   David (sign in script)

⑈⑆996479737⑈⑆   ⑈4590 7⑈   1757

Pay the bill!

David needs money. He wants to get $100 in cash, so he writes a check payable to cash in this amount. Write this check.

DAVID

1758

DATE_____

PAY TO THE ORDER OF _____ $ [   ]

_____ DOLLARS

MEMO_____   _____

⑈⑆996479737⑈⑆   ⑈4590 7⑈   1758

Write as a decimal.
Forty-four thousandths

Write the decimal in words.
0.2

Write as a decimal.
Seven and seven tenths

Name: _____

Pay the bill!

Rent is due. Adam needs to pay his landlord $3,800. His landlord's name is Megan Smith.

ADAM   1564

DATE_____

PAY TO THE
ORDER OF _____ $ [   ]

_____ DOLLARS

MEMO_____   _____

⑆993225101⑆   ⑆40573⑆   1564

Pay the bill!

Adam received a bill for his cellphone from Mobile Unlimited for $66.77. Write the check as Adam would write it.

ADAM   1565

DATE_____

PAY TO THE
ORDER OF _____ $ [   ]

_____ DOLLARS

MEMO_____   _____

⑆993225101⑆   ⑆40573⑆   1565

Double the number 4 three times.	11 + 1 - 5	
		___ ÷ 5 = 8

| Round 164 to the nearest ten. | How many total legs are on 3 dogs and 2 owls? | What is 18 less than 1,999? |

Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.
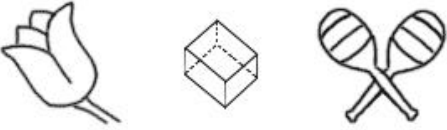
Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
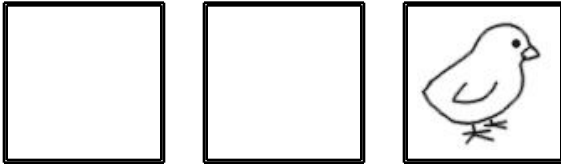The picture is NOT in the correct spot.

Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.

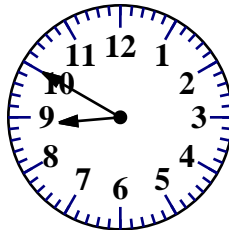Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw the 3 pictures in the correct order:

Mary bought six candy bars. It cost $3.54. How much did each candy bar cost?

How many total legs are on 8 zebras?

The number 42 is more than the number 6 by how much?

Write the first 5 multiples of 7.

Draw a small clock that shows 10 minutes to 9:00.

96835, 59683, 35968,

83596, 68359, 96835,

_____, 35968, 83596,

68359, 96835, 59683,

35968, 83596

Name: _____

Get a fidget spinner! Spin it.

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

Not Exact

Estimate - With a Good Guess

$18 \div 5 \approx$ __4__

$>$ __3__ $<$ __4__

$21 \div 5 \approx$ __4__

$>$ __4__ $<$ __5__

$47 \div 6 \approx$ ____

$>$ ____ $<$ ____

$89 \div 9 \approx$ ____

$>$ ____ $<$ ____

$43 \div 7 \approx$ ____

$>$ ____ $<$ ____

$107 \div 12 \approx$ ____

$>$ ____ $<$ ____

$59 \div 10 \approx$ ____

$>$ ____ $<$ ____

$24 \div 7 \approx$ ____

$>$ ____ $<$ ____

$33 \div 6 \approx$ ____

$>$ ____ $<$ ____

$59 \div 8 \approx$ ____

$>$ ____ $<$ ____

$73 \div 9 \approx$ ____

$>$ ____ $<$ ____

$14 \div 3 \approx$ ____

$>$ ____ $<$ ____

$25 \div 4 \approx$ ____

$>$ ____ $<$ ____

$79 \div 8 \approx$ ____

$>$ ____ $<$ ____

$62 \div 11 \approx$ ____

$>$ ____ $<$ ____

$37 \div 11 \approx$ ____

$>$ ____ $<$ ____

$20 \div 3 \approx$ ____

$>$ ____ $<$ ____

$83 \div 10 \approx$ ____

$>$ ____ $<$ ____

$18 \div 4 \approx$ ____

$>$ ____ $<$ ____

$43 \div 6 \approx$ ____

$>$ ____ $<$ ____

$102 \div 11 \approx$ ____

$>$ ____ $<$ ____

$39 \div 4 \approx$ ____

$>$ ____ $<$ ____

$60 \div 7 \approx$ ____

$>$ ____ $<$ ____

$21 \div 6 \approx$ ____

$>$ ____ $<$ ____

Name: _____

Ms. Rodriguez asked her class how many people had sandwiches in their lunches. Twenty-one of the students raised their hands. When she asked them what kind of sandwiches they had, 8/21 of the students had peanut butter sandwiches, 4/21 of the students had egg salad sandwiches, and the rest of the students had bologna sandwiches. How many students had bologna sandwiches in their lunches?

Holly went to the bakery to buy cookies for the tea party. The cookies she wanted cost $1.28 per 1/2 dozen, $2.35 per dozen, or $0.25 each. She wants to buy 8 cookies. How much less would it cost to buy 1/2 dozen plus 2 cookies than it would to buy one dozen cookies?

Robot AQD said, "I have YYYY robot cats."

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

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

How many cats does Robot AQD have? How many cats does Robot EFG have?

$4 + 30 \div 10$

You need to add what to 45 to get 52?
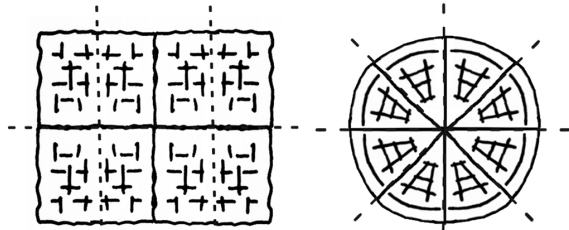
Name the shape with six sides and six angles.

Name: _____

Name_____

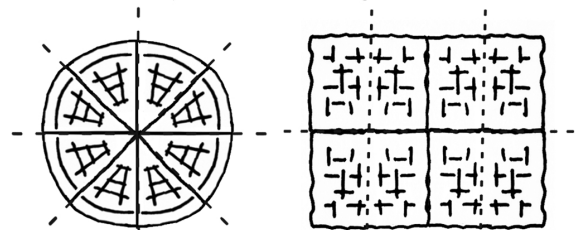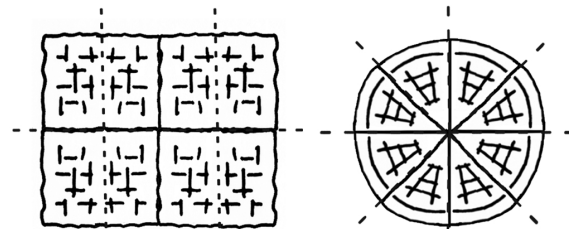## Fraction Foods

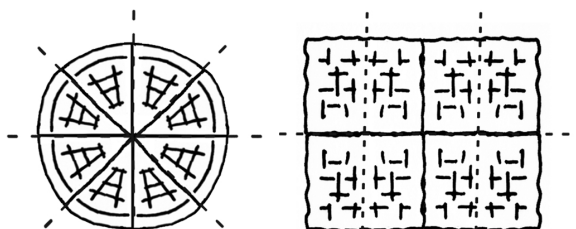Shade in $\frac{1}{8}$ of each waffle section.

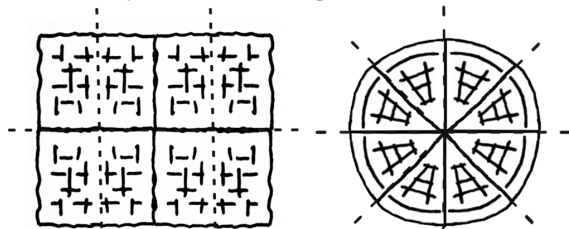Shade in $\frac{5}{8}$ of each waffle section.

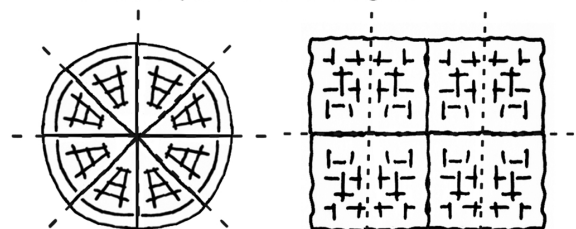Shade in $\frac{2}{8}$ of each waffle section.

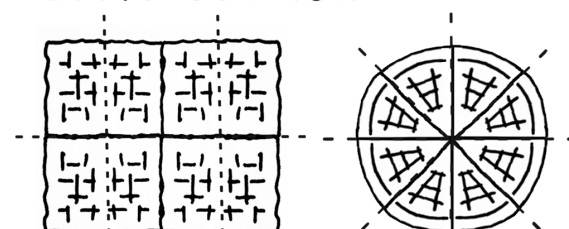Shade in $\frac{6}{8}$ of each waffle section.

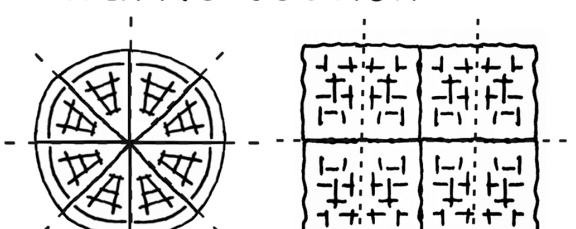Shade in $\frac{3}{8}$ of each waffle section.

Shade in $\frac{7}{8}$ of each waffle section.

Shade in $\frac{4}{8}$ of each waffle section.

Shade in $\frac{8}{8}$ of each waffle section.

©edHelper

Name: _____

Alex believes that an apple a day keeps the doctor away. He did a survey that showed 17 students ate both apples and pears, 20 liked both oranges and apples, 6 liked only oranges, and 10 liked all three fruits. How many students did Alex survey?

There were six cups of food for the geese. Mr. Hernandez added more cups of food. Now there are fourteen cups of food for the geese. Write an equation to represent this.

Jenna likes to draw triangles, but isosceles triangles are her favorite.

"They are so cool," she explains. "They have two equal sides and two equal angles. After I

draw the triangle, I write the angle that is the same. Can you guess the third angle?"

She drew a purple triangle and wrote 37°. She drew a blue triangle and wrote 23°. She

drew a yellow triangle and wrote 46°. What is the third angle for each of her triangles?

Megan drew a square with an area of 49 square centimeters. Max drew a square with an

area of 225 square centimeters. How much bigger is the perimeter of the square that

Max drew than the perimeter of the square that Megan drew?

Name: _____

In which of the following numbers does 4 have the greatest value?

A) 1458

B) 8954

C) 84739

D) 6348

Which of the following numerals has a 5 in the hundreds place?

A) 652134

B) 143526

C) 635412

D) 231645

9991 - 3,147 =

A) 6,844

B) 6,834

C) 6,114

D) 1,144

What is 7,106 rounded to the nearest hundred?

A) 10000

B) 7100

C) 7110

D) 8100

Which of the following numbers when rounded to the nearest 10 is 6,510 and when rounded to the nearest 1,000 is 7,000?

A) 6515

B) 6512

C) 6517

D) 6552

What number is equivalent to 8 hundreds, 68 thousands, 9 tens?

A) 8986

B) 60988

C) 8689

D) 68890

Name: _____

Complete each pattern. Write what the rule is.

4	15	26	37	48
5	11	17	23	
7	21		49	63
1		11	16	

Find the missing numbers. These both have the same rule. What is the rule?

If

    1 , 11 = 11

    2 , 13 = 26

    3 , 16 = 48

    4 , 19 = 76

Then

    5 , 21 = ?

If

    6 , 9 = 54

    7 , 13 = 91

    8 , 17 = 136

    9 , 20 = 180

Then

    10 , 24 = ?

Name: _____

Round 77 to the nearest 10.

It is 8:46 when Erin leaves her house. She arrives at school at 9:02. How much time has passed?

9 - 1 + 5 - 3

Sarah has a bowl. She puts 8 dimes into the bowl. Max sees the bowl and takes some dimes out. The bowl now has 60 cents in it. How many dimes did Max take?

Sara has a bowl. She puts 15 pennies into the bowl. Peter sees the bowl and takes some pennies out. The bowl now has 8 cents in it. How many pennies did Peter take?

Circle the three numbers whose sum equals 22.

3   7   5

10   9   12

In the parking lot there are 14 vehicles. There are 4 SUVs. What fraction of the vehicles are not SUVs?

How many tens are in the number 80?

12 x 3 =

double 30 =

Write the greatest possible 4-digit number using only 3 different numbers.

Which of the following is the greatest possible 2-digit number with all different digits?

Name: _____

Peter is taking a 24-hour walk challenge. He is trying to stay awake for 24 hours and plans to walk as far as he can. Each hour he plans to sit and rest for 6 minutes. If he is able to do this, how long will he spend walking and not resting during the 24 hours?

Find the product of 6 and 2.

How many total legs are on 10 ants?

Nathan earns $19 an hour. He worked 4 hours. How much did he make?

E, G, _____, K, M, O, Q, S, U, W, Y

---

1 x 7 + 5

What number is halfway between 54 and 60?

---

word root **ab** can mean **away**   **abnormal, abrupt**

Name: _____

Circle any of the following that are NOT equal to 8,600.

86 x 1000

(8 x 1,000) + (6 x 100)

(6 x 1,000) + (8 x 100)

eight hundred sixty

8.600

Complete the list of multiples.

10, 20, ___, ___, ___,

___, ___, 80, 90, ___

___ - 3 = 4

What is the missing number?

x - 5 = 2

What is the value of x?

Is the least common multiple of 3 and 12 smaller, equal to, or greater than the greatest common factor of 3 and 12?

A book has 3 pages. Each page has 11 dimes. How many dimes in the book?

How many total legs are on 6 zebras?

If you exchange 120 dimes for dollars, then how many dollars would you get?

Name: _____

15, 17, 19, 21, 23, _____, 27

Circle the number that is smallest.

8,009   8,900

8,090

$$\begin{array}{r} 1\ 7\ 6 \\ +\quad 2\ 7 \\ \hline \end{array}$$

---

6 more than 356

---

9 + 4 - 1 - 5

---

double 80

Is 44 a composite or a prime number?

---

6 ÷ 3 =

---

8 - 3 + 7

Hannah bought six candy bars. It cost $3.06. How much did each candy bar cost?

You need to add what to 49 to get 58?

This number is one hundred less than 4,170.

This number is one thousand more than 4,937.

How many total legs are on 4 tigers and 5 owls?

---

10 - 8 + 6

---

8 tens, 5 thousands, 9 ones, 3 hundreds

$$\begin{array}{r} 2\ 3\ 7 \\ -\ \ 1\ 1 \\ \hline \end{array}$$

In six hours it will be midnight. What time is it now?

It is 7:41 when Pam leaves her house. She arrives at school at 8:07. How much time has passed?

Write an even number.

Make your own

equation.

___ - 6 = ___

64, 72, _____, 88, 96, 104, 112, 120

38, 45, _____, 62, 72, 83, 95, 108, 122, 137

Hannah has 40 books. She organized them equally into 4 boxes. How many books in each box?

8, 6, 4, 4, 8, 6, 4, 4, 8, _____, 4, 4, 8, 6, 4, 4, 8

Jack bought 6 dozen cupcakes for a party. How many cupcakes did he buy?

Circle the three numbers whose sum equals 29.

5   15   14   8

6   8   18   8

Name: _____

Get a fidget spinner! Spin it.   I needed to spin _____ time(s) to finish.

```
    9 3 0 7 0           3 3 2 8 2           1 6 4 6 2
  +       4 9 6       +       8 8 5       -       5 9 0
```

```
    8 8 3 4 8           3 0 4 9 4           8 7 1 4 5
  -       4 4 7       +       8 9 0       -       6 9 6
```

```
    3 3 9 5 0           4 2 5 2 2           6 3 6 4 6
  +       6 6 1       -       9 9 3       -       2 9 2
```

```
    9 1 2 3 5           5 5 4 8 0           5 0 8 5 2
  +       3 3 1       -       8 8 9       +       5 1 9
```

```
    3 0 1 5 7           7 9 3 7 0           1 7 0 2 0
  +       1 8 2       -       4 2 9       -       6 9 3
```

Name: _____

edHelper

Help Robot find Rover. You can only move to a box that has a missing digit of 7.
Draw a line to show your path.
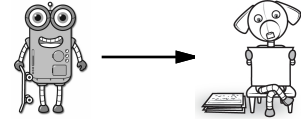
	87 + 88 =	17 + 35 =	12 + 79 =	72 + 92 =	64 + 72 =	52 + 63 =	37 + 43 =
81 + 37 =	57 + 22 =	75 + 15 =	27 + 24 =	67 + 92 =	78 + 22 =	58 + 34 =	59 + 14 =
65 + 52 =	63 + 45 =	67 + 59 =	78 + 44 =	87 + 19 =	67 + 76 =	30 + 75 =	71 + 60 =
50 + 28 =	81 + 29 =	20 + 20 =	79 + 44 =	27 + 77 =	77 + 87 =	22 + 76 =	31 + 74 =
40 + 24 =	93 + 50 =	41 + 81 =	93 + 14 =	42 + 97 =	34 + 44 =	79 + 82 =	64 + 73 =
78 + 93 =	42 + 61 =	65 + 27 =	79 + 65 =	54 + 69 =	52 + 33 =	72 + 16 =	80 + 91 =
36 + 41 =	37 + 65 =	36 + 57 =	76 + 88 =	55 + 72 =	29 + 57 =	77 + 77 =	61 + 36 =
79 + 66 =	52 + 22 =	73 + 87 =	17 + 95 =	11 + 66 =	58 + 99 =	62 + 85 =	76 + 88 =
77 + 47 =	87 + 26 =	72 + 42 =	30 + 49 =	67 + 16 =	71 + 91 =	11 + 87 =	75 + 48 =
68 + 27 =	82 + 64 =	24 + 31 =	28 + 29 =	74 + 49 =	67 + 37 =	57 + 55 =	

Name: _____

Emma drew a square with an area of 49 square centimeters. Max drew a square with an area of 196 square centimeters. How much bigger is the perimeter of the square that Max drew than the perimeter of the square that Emma drew?

Pam works at the garden center. She counts the petals on a tree with three branches. The tree has 3 petals for each flower. She counts 6 flowers on the first branch, 10 flowers on the second branch, and 11 flowers on the third branch.   How many petals does this tree have?

What number is halfway between 13 and 17?	There are 3 groups of 5 rocks. How many rocks?	12 x 4 =

Name: _____

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

$2 \frac{76}{100}$ ●   ● two and seventy-six hundredths

six and eighty-six hundredths   ●   ● seven and fifty hundredths

$\frac{8}{10}$ ●   ● eight tenths

two and twenty-three hundredths   ●   ● seven and ninety-nine hundredths

$7 \frac{99}{100}$ ●   ● twenty hundredths

$\frac{20}{100}$ ●   ● $2 \frac{23}{100}$

$3 \frac{83}{100}$ ●   ● $6 \frac{86}{100}$

$7 \frac{50}{100}$ ●   ● three and eighty-three hundredths

---

double 50 =

28 ÷ ___ = 7
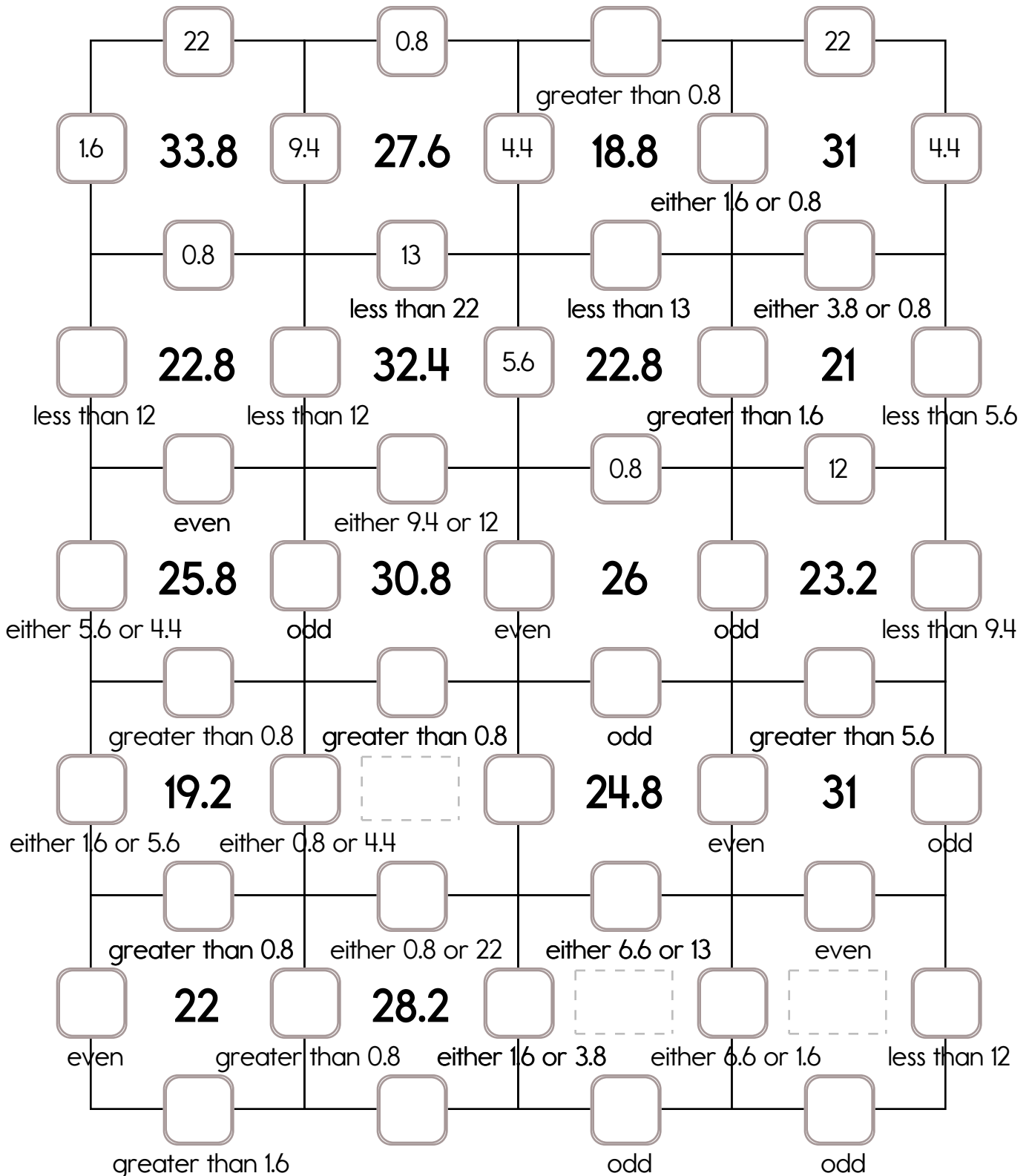
12 x 6 + 3

Round 758 to the nearest hundred.

What is the sum of 10 and 773?

At 4 p.m. today, Ava will not be able to use her electronics for 4 hours. At what time will she be able to resume using her phone?

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: 22, 12, or 13.
The other three numbers have to all be DIFFERENT and must be from these: 0.8, 9.4,
3.8, 5.6, 6.6, 4.4, or 1.6.

	22		0.8				22	
					greater than 0.8			
1.6	**33.8**	9.4	**27.6**	4.4	**18.8**		**31**	4.4
						either 1.6 or 0.8		
	0.8		13					
		less than 22		less than 13		either 3.8 or 0.8		
	22.8		**32.4**	5.6	**22.8**		**21**	
less than 12		less than 12			greater than 1.6		less than 5.6	
					0.8		12	
	even		either 9.4 or 12					
	25.8		**30.8**		**26**		**23.2**	
either 5.6 or 4.4		odd		even		odd		less than 9.4
	greater than 0.8		greater than 0.8		odd		greater than 5.6	
	19.2				**24.8**		**31**	
either 1.6 or 5.6		either 0.8 or 4.4			even		odd	
	greater than 0.8		either 0.8 or 22		either 6.6 or 13		even	
	22		**28.2**					
even		greater than 0.8		either 1.6 or 3.8		either 6.6 or 1.6		less than 12
	greater than 1.6				odd		odd	

Fourth Grade Math Minutes

Name: _____

Draw a line from START to END.

4   403   ~~60~~

269

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

8 - 44 ÷ 11

11 + 9 - 5

START

332 + 43

353 + 29

9 x 16 ÷ 2

10 x 5 + 10

60

(12 x 4) - 12

204 + 18

(10 - 2) - 4

8 x 2 - 7

239 + 30

323 + 43

END

364 + 39

367 + 35

298 + 36

10 - 36 ÷ 4

4 + 4 - 7

12 + 10 - 2 x 9

188 + 39

290 + 37

4 + 3 + 8 x 9

7 + 4 x 11

Name: _____

Puzzle:

		12	**12**	30
				10
	12	**12**		34
12			**12**	30
24	20	28	32	**+**

Work Area:

		12	**12**	30
				10
	12	**12**		34
12			**12**	30
24	20	28	32	**+**

The sum for each column and row is given.

◿ = _____   (otter) = _____   (turkey) = _____

Puzzle:

				38
				45
				34
				40
38	34	46	39	**+**

Work Area:

				38
				45
				34
				40
38	34	46	39	**+**

The sum for each column and row is given.

(harp) = _____   (snake) = _____   (bowl) = _____

(bar) = _____   (vulture) = _____

word root **dur** can mean **to last or harden**   **durable, duration**

Name: _____

61.6	-1.5		+7		-30.1		+50		-25
	+23.8		-2.2		+16				-3.7
-9								+4.6	
					+6		-5.9		
-70.3		+26.9		-8.4	27.9			+36	75.8

30.5	-3.6		+1.8		+35.1		-15.2	78.4
	+63		-7		+12		+14.6	+4.3
-26.7					46.5			
	-8.9		-5	44.1	+2.4		-16	81.3

Name: _____

Emily saw 11 cookies on a plate. She ate 2 of them. How many cookies were left on the plate?	Jack delivers 26 newspapers. Gavin delivers 32 newspapers. How many do they deliver in all?	April has 2 coins. They equal 50¢. What coins does April have?

WHERE DO PENGUINS GO TO DANCE?

___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___
5   18   12   14 40 22 20   11 150 13 13

15 more than 5	W	fifteen minus four	B
eighteen	H	____, 44, 48, 52	N
140, ____, 160, 170	A	11 minus 6	T
sum of 13 and 9	O	fourteen	S
____, 18, 24, 30	E	4 less than 17	L
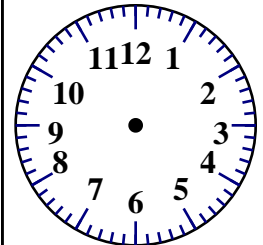
__3__ : __00__

$$\begin{array}{r} 4\;6 \\ +\;2\;5 \\ \hline \end{array}$$

word root **post** can mean **after**   posterior, posterity

Name: _____

Jenna is buying candy mixes for goodie bags. Each fun mix packet weighs 4 ounces. She purchased 5 pounds. How many packets did she buy?

(Hint: 1 pound = 16 ounces)

Anna was so into a book. She finally finished! She then spent 2 times as long playing a game on her phone as she did reading. Anna spent a total of 99 minutes in her room reading and playing the game. For how long did Anna read?

Name: _____

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

```
                    592
                ┌────┬────┐
                │    │    │
            ┌───┴──┬─┴──┬─┴───┐
            │      │    │     │
        ┌───┴──┬───┴──┬─┴───┬─┴───┐
        │      │      │     │     │
    ┌───┴──┬───┴──┬───┴──┬──┴──┬──┴───┐
    │      │  34  │      │     │      │
┌───┴──┬───┴──┬───┴──┬───┴──┬──┴──┬───┴───┐
│  12  │  30  │  4   │  35  │  5  │  15   │
└──────┴──────┴──────┴──────┴─────┴───────┘
```
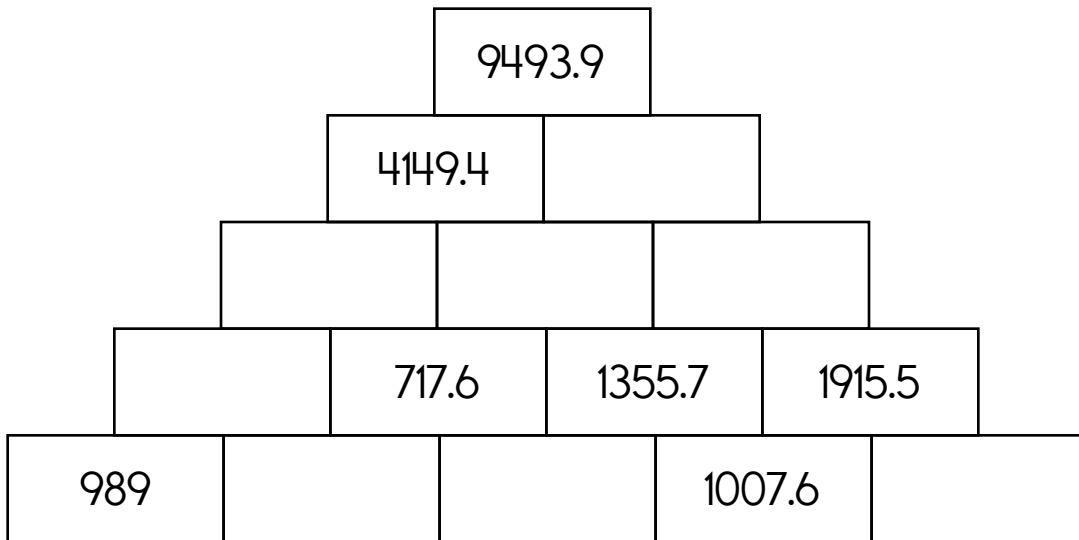
```
                  9493.9
              ┌──────┬──────┐
              │4149.4│      │
          ┌───┴───┬──┴───┬──┴───┐
          │       │      │      │
      ┌───┴────┬──┴────┬─┴─────┬┴─────┐
      │        │ 717.6 │1355.7 │1915.5│
  ┌───┴────┬───┴────┬──┴────┬──┴────┐
  │  989   │        │       │1007.6 │
  └────────┴────────┴───────┴───────┘
```

```
4│36        8│16        3│9

6│24        5│20        7│56
```

If q = 19, then what does q - 6 equal?

_____

1 2 x 1 0 = _____

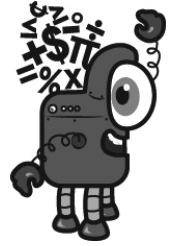**Name:** _____

Mental Math — #1 —

☼ Start with the number 724.   724

☼ Subtract 1 ten.

7 7 1 4 2 2 6 1 1 8 (Circle your answer to double check you are correct.) _____

☼ Add the number of days in a week.

7 8 8 7 2 1 9 3 3 4 _____

☼ Add the number of cups in 1 quart.

3 4 2 0 7 7 2 5 8 1 _____

☼ Subtract 7.

7 1 8 1 8 2 4 3 2 2 _____

☼ Add the number of inches in 1 foot.

7 8 7 3 0 2 8 5 2 6 _____

Mental Math — #2 —

● Start with the product of 4 and 10.

2 5 4 1 1 1 9 4 0 8 (Circle your answer to double check you are correct.) _____

● Multiply the tens digit by the ones digit. The product is your new number.

5 8 8 7 3 8 0 6 1 6 _____

● Multiply by 3.

4 0 3 9 7 5 1 8 0 1 _____
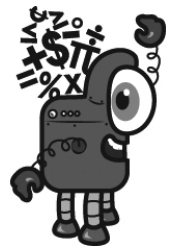
● Add the number of pennies in a dollar.

6 2 9 8 1 0 0 6 3 0 _____

● Add the digits in your number. The sum of that is your new number.

5 1 1 1 9 5 1 8 7 6 _____

● Triple that number.

5 0 3 4 9 0 2 3 7 2 _____

Name: _____

X	4	4			2
	___ x 4	___ x 4	___ x ___	___ x ___	18 ___ x 2
	28 ___ x 4	___ x 4	___ x ___	___ x ___	14 ___ x 2
	32 ___ x 4	___ x 4	___ x ___	___ x ___	___ x 2
3	3 x 4	12 3 x 4	12 3 x ___	24 3 x ___	3 x 2
	___ x 4	___ x 4	___ x ___	32 ___ x ___	___ x 2

Fill in the missing fractions.

$\frac{1}{5}$, $\frac{2}{5}$, _____ , _____

How many feet are in four yards?

_____

Write the length in millimeters.

_____

5		8		2
x 2		x 8		x 3

8		1 1		4
x 2		x 5		x 1 1
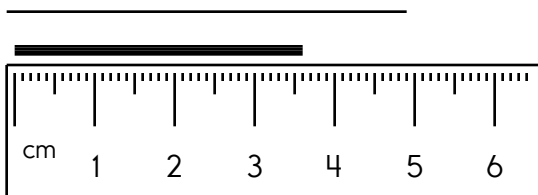
Do you use A.M. or P.M. to write the time you eat breakfast?

_____

```
  6 2
- 1 1
```

Name: _____

Find the sum of 93 and 26.

$$
\begin{array}{r}
867 \\
284 \\
+\ 310 \\
\hline
\end{array}
$$

Find the sum of 12, 17, and 40.

$$2\frac{1}{12}$$

$$-\ 1\frac{11}{12}$$
_____

$$\frac{5}{7}$$

$$-\ \frac{2}{7}$$
_____

$$\frac{5}{8}$$

$$-\ \frac{2}{8}$$
_____

The number 15 has 4 factors. Write them.

5 + ____ = 7

What is the missing

number?

4 + x = 11

What is the value of x?

Is the greatest common factor of 6 and 3 smaller, equal to, or greater than the least common multiple of 6 and 3?

Name: _____

$3\frac{3}{11}$

$+\ 3\frac{3}{11}$

_____

$3\frac{11}{12}$

$+\ 9\frac{8}{12}$

_____

Change $\frac{20}{16}$ to a mixed number.

Write as a decimal.

$\frac{7}{100}$

Write as a decimal.
Eight and four tenths

Write as a decimal.

$\frac{9}{10}$

9
6
$+\ 4$
_____

$91,014$
$-\ \ \ \ 7,016$
_____

What number is 389 less than 500?

What is the greatest common factor of 8 and 14?

Is the least common multiple of 4 and 10 smaller, equal to, or greater than the greatest common factor of 4 and 10?

What is the least common multiple of 10 and 2?

Name: _____

Write the decimal in words. 20.49	Write as a decimal. Forty-four hundredths	Write as a decimal. $6\frac{1}{100}$
$\begin{array}{r} 89 \\ + 46 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ + 19 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ + 28 \\ \hline \end{array}$
$\begin{array}{r} \frac{7}{10} \\ - \frac{6}{10} \\ \hline \end{array}$	Reduce $\frac{12}{24}$ to its lowest terms.	$\begin{array}{r} 4\frac{8}{9} \\ + 5\frac{6}{9} \\ \hline \end{array}$
Is the greatest common factor of 9 and 3 smaller, equal to, or greater than the least common multiple of 9 and 3?	The number 12 has 6 factors. Write them.	What is the least common multiple of 4 and 7?

Name: _____

___ - 4 = 5

What is the missing

number?

x - 3 = 2

What is the value of x?

The number 21 has 4 factors. Write them.

What is the least common multiple of 6 and 9?

```
    1
    6
+   1
```

```
  6 6 2
  2 4 6
+ 9 7 5
```

```
  1 4 1
  4 5 4
+ 8,6 3 3
```

$3 \frac{9}{10}$

$+ \ 8 \frac{5}{10}$

$5 \frac{6}{7}$

$- \ 4 \frac{1}{7}$

$\frac{8}{9}$

$- \ \frac{3}{9}$

Fourth Grade Math Minutes
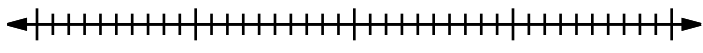
Name: _____

74	- $\frac{4}{12}$			-14		+ $\frac{1}{2}$	+26
	-7		-9 $\frac{10}{12}$				
	-25		82 $\frac{1}{12}$		-5		+40
+41			+ $\frac{1}{2}$	+ $\frac{5}{12}$			
	+ $\frac{5}{12}$	-1 $\frac{1}{2}$			+16	136 $\frac{1}{6}$	

Round the number to the place value of the BIG number.

1**4**7,342,615

_____

$$\begin{array}{r} 6 \\ 1 \\ + \ 3 \\ \hline \end{array}$$

Calculate the sum of 18, 9, and 15.

_____

Would you use a ruler or a yardstick to measure the length of a book?

_____

Locate where to put the number 334,000 and label the point D.

◄├┼┼┼┼┼┼┼┼┼┼┤┼┼┼┼┼┼┼┼┼┼┤┼┼┼┼┼┼┼┼┼┼┤┼┼┼┼┼┼┼►
331,000   351,000

$$\begin{array}{r} 7 \ 6 \\ - \ 5 \ 0 \\ \hline \end{array}$$

---

739   754   721   749

Write the numbers in order from largest to smallest.

largest

smallest

$$\begin{array}{r} 2 \\ x \quad 9 \\ \hline \end{array}$$

Circle the correctly spelled words.
toyle, toil
frayme, frame
swim, swimm

Write the base word for the word "reunion."

_____

Name: _____

Cross off the number that does NOT belong.

11, 13, 15, 16, 17, 19, 21, 23, 25

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

41, 48, 57, 68, 81, 90, 96, 113, 132, 153, 176, 201, 228

Why does _____ not belong in the pattern?

Peter Rabbit liked to eat the farmer's vegetables. One night he ate a head of cabbage, 15 green beans, 2 heads of lettuce, 14 carrots, 9 radishes, 2 ears of corn, and 3 potatoes! Oh, how his stomach hurt! The farmer's garden was $101 \frac{1}{4}$ feet long and $87 \frac{1}{2}$ feet wide. What was the perimeter of the garden?

Erin is making prize bags for Weird Contest Week. She has 53 prizes. She is going to put an equal number in each of 10 bags. She wants to put as many prizes in each bag as she possibly can. After she has filled 7 bags, what fraction of the prizes does she have left?

Erin weighed her basketball. Filled with air, it weighed 3.6 pounds. If all the basketballs in the gym weighed the same amount, how much would fifteen basketballs weigh?

Salmon fishing is very important in Alaska. Edensaw and his uncle caught 83 pounds of salmon. They sold it for $3.18 per pound. How much money did they receive for the salmon?

Mrs. Smith has 8 boxes of cookie cutters. Each box has 6 cookie cutters. She wants to put them on shelves in her store. Each shelf can display 12 cookie cutters. How many shelves does she need for her cookie cutters?

Name: _____

$42 \div 7 =$ $35 \div 7 =$ $20 \div 4 =$

$56 \div 8 =$ $21 \div 7 =$ $28 \div 4 =$

MAD MINUTES

$24 \div 4 =$ $12 \div 2 =$ $72 \div 9 =$

$15 \div 3 =$ $15 \div 5 =$ $27 \div 3 =$

30	8	16	64
x	x	x	x
5 6	___ 4	8 ___	___ 8

8	28	16	64
x	x	x	x
2 ___	___ 4	8 ___	8 ___

MAD MINUTES
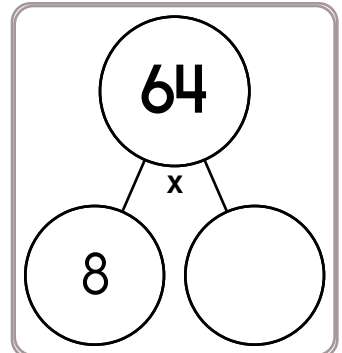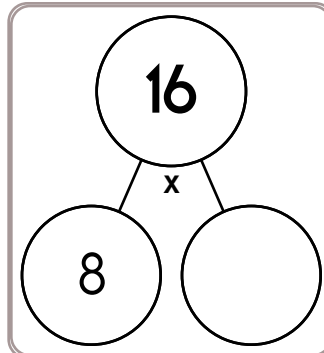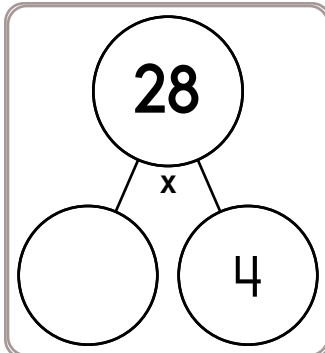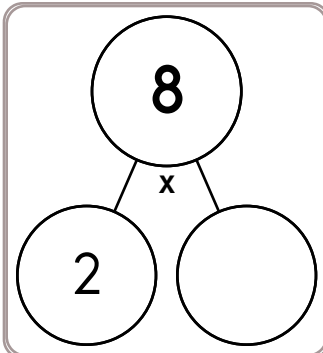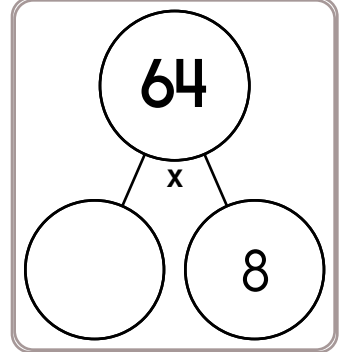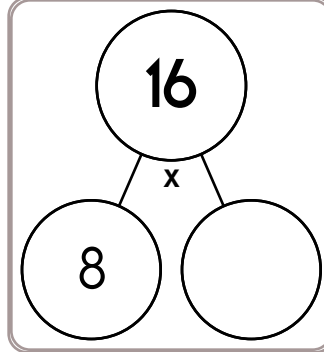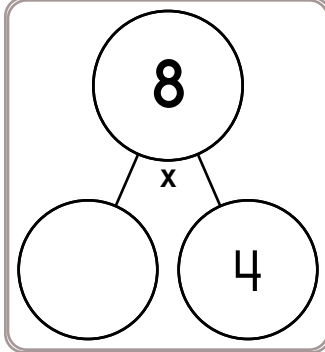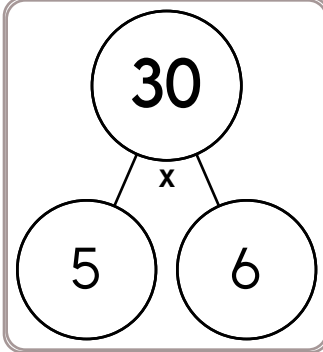
$\underline{\quad} \div 5 = 6$ $\underline{\quad} \div 5 = 2$ $9 \div \underline{\quad} = 3$

$63 \div \underline{\quad} = 9$ $32 \div \underline{\quad} = 4$ $\underline{\quad} \div 4 = 2$

$28 \div \underline{\quad} = 4$ $\underline{\quad} \div 9 = 7$ $6 \div \underline{\quad} = 3$

$\underline{\quad} \div 7 = 5$ $12 \div \underline{\quad} = 3$ $\underline{\quad} \div 5 = 9$

Name: _____

83
+
17 66

85
+
30 ( )

( )
+
71 19

93
+
27 ( )

98
+
( ) 46

69
+
( ) 46

( )
+
34 60

( )
+
37 30

57
+
27 ( )

84
+
61 ( )

63
+
26 ( )
+   +
13 ( ) 19 ( )

56
+
( ) 28
+   +
( ) 21 ( ) 16

( )
+
14 57
+   +
6 ( ) 36 ( )

58
+
( ) 12
+   +
( ) 29 ( ) 5

54
+
( ) 31
+   +
11 ( ) 13 ( )

( )
+
18 32
+   +
( ) 11 ( ) 16

```
  889
+  74
_____
```

```
  38
+ 73
_____
```
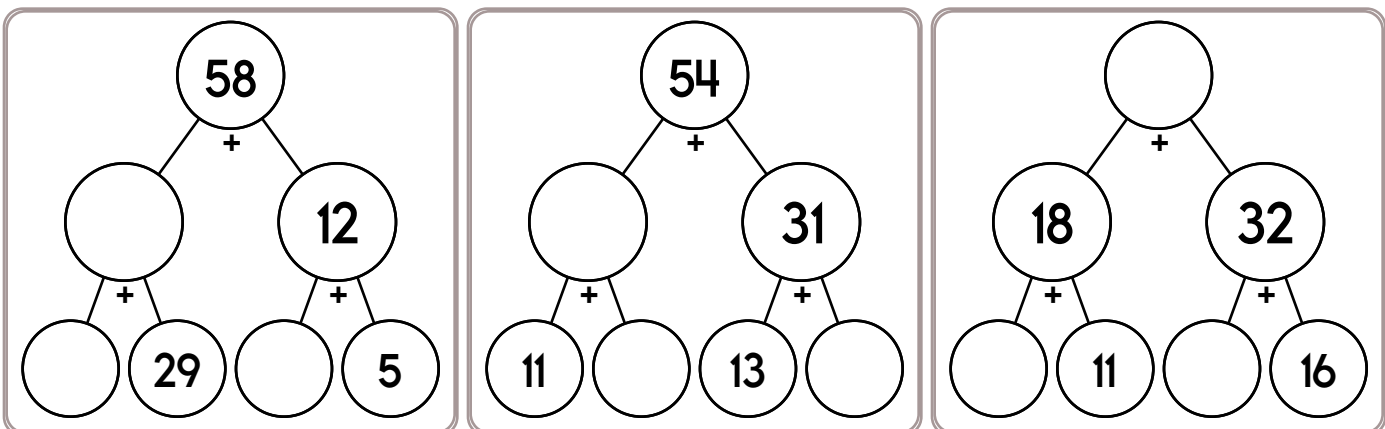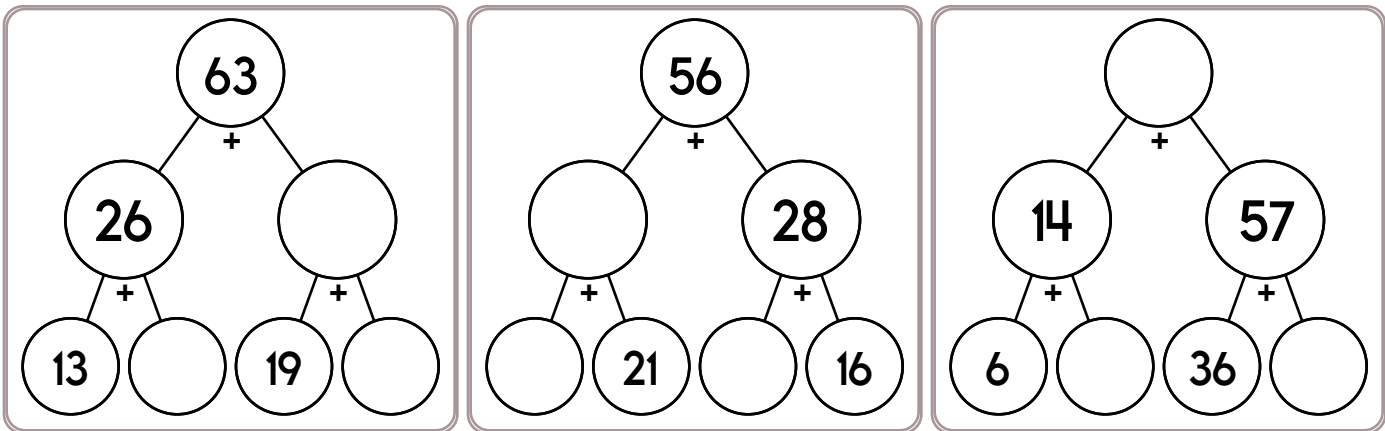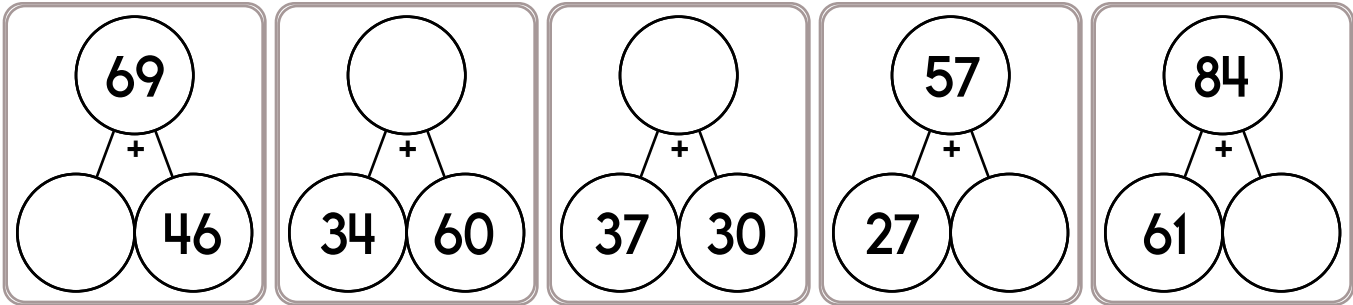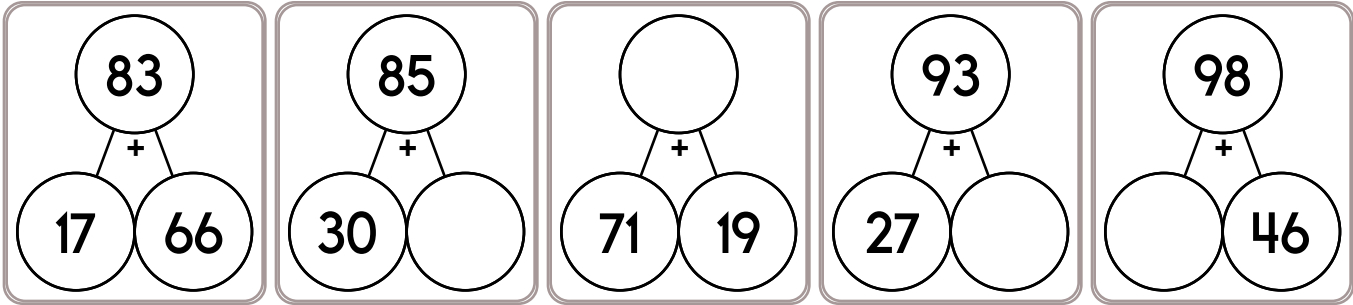
Find the difference between 402 and 58.

Name: _____

Get a fidget spinner! Spin it.

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

Not Exact

Estimate - With a Good Guess

$26 \div 3 \approx \underline{9}$

$77 \div 10 \approx \underline{8}$

$10 \div 3 \approx \underline{}$

$49 \div 11 \approx \underline{}$

$46 \div 9 \approx \underline{}$

$49 \div 5 \approx \underline{}$

$73 \div 11 \approx \underline{}$

$21 \div 4 \approx \underline{}$

$54 \div 7 \approx \underline{}$

$49 \div 12 \approx \underline{}$

$43 \div 5 \approx \underline{}$

$50 \div 8 \approx \underline{}$

$20 \div 6 \approx \underline{}$

$87 \div 9 \approx \underline{}$

$87 \div 12 \approx \underline{}$

$95 \div 10 \approx \underline{}$

$30 \div 8 \approx \underline{}$

$61 \div 7 \approx \underline{}$

$41 \div 6 \approx \underline{}$

$26 \div 6 \approx \underline{}$

$29 \div 5 \approx \underline{}$

$38 \div 7 \approx \underline{}$

$39 \div 10 \approx \underline{}$

$70 \div 9 \approx \underline{}$

$33 \div 4 \approx \underline{}$

$27 \div 6 \approx \underline{}$

$26 \div 4 \approx \underline{}$

$93 \div 10 \approx \underline{}$

$49 \div 5 \approx \underline{}$

$99 \div 12 \approx \underline{}$

$62 \div 9 \approx \underline{}$

$34 \div 11 \approx \underline{}$

$80 \div 11 \approx \underline{}$

$17 \div 3 \approx \underline{}$

$32 \div 7 \approx \underline{}$

$20 \div 3 \approx \underline{}$

$75 \div 8 \approx \underline{}$

$64 \div 12 \approx \underline{}$

$84 \div 10 \approx \underline{}$

$13 \div 3 \approx \underline{}$

$37 \div 5 \approx \underline{}$

$28 \div 9 \approx \underline{}$

Name: _____

Get a fidget spinner! Spin it.   I needed to spin _____ time(s) to finish.

You have a playdate in 300 minutes. How many hours is that?	$30 \div$ ___ $= 6$	There are 4 groups of 7 rocks. How many rocks?
What number is halfway between 26 and 30?	How many hundreds are in the number 15,000?	Emily has $53. She wants to buy something that costs $94. How much more does she need?

$4 \times$ __ $=$ __ $= 20 \times 2$

$6 \times$ __ $= 12 =$ __ $\times 3$

$9 \times 7 =$ __ $= 3 \times$ __

$9 \times$ __ $= 63 =$ __ $\times 21$

Circle the six numbers whose sum equals 44.

12	9	6	11
7	12	3	2
3	12	9	10

Round 122 to the nearest ten.

In the equation 28 x 367 = 10,276, which number is the product?

How many tens are in the number 98,000?

55, 64, 73, 82, 91, 100,

_____, 118

Name: _____

Amy bought a bottled chocolate milkshake at the grocery store. There were five hundred fifty-six calories in the bottle. A homemade milkshake has three hundred fifty calories for the same amount. How many more calories does the bottled shake have than the homemade shake?

Adam decided that he would teach his little brother to play a video game on Blah Buster Day. His little brother learned quickly and soon could play almost as well as Adam! When they played their last game, Adam scored 158,107 points and his little brother scored 119,485 points. How many more points did Adam score than his little brother?

Connor cut seven pizzas into 11 pieces each. How many pieces of pizza did he have in all?

Buster Bee flew 3.3 miles to the honey tree. Then he flew 2.7 miles to the hive. How many miles did he fly in all?

Jacob went to a movie. The movie was about rockets. The ticket cost $7.50. Jacob had some popcorn that cost $3.24 and a drink that cost $1.20. How much did Jacob spend in all?

Name: _____

The last machine on the needle manufacturer's line puts the needles in cardboard folders. Each folder holds 6 needles. How many folders would be needed for 528 needles?

Amy has three pairs of pink socks, six pairs of white socks, four pairs of blue socks, and three pairs of plaid socks. How many socks does she have in all?

For the summer program 161 children came to the park. They were divided into 7 groups. How many children were in each group?

Kevin found 30 seashells. He put them in a bag and pulled out 5 pink shells out of 12 pulls. Predict the number of pink shells he will pull in 12 more pulls.

Ms. Walker makes umbrella covers. She works for 3 hours each day. She can make 10 covers in one hour. How many covers can she make in 7 days?

Pluto revolves around the sun once every 248 Earth years. How many times does Pluto revolve around the sun in 4,464 Earth years?

In the parking lot there are 14 vehicles. There are 2 SUVs. What fraction of the vehicles are not SUVs?

What is the sum of 30 and 661?

Write the least possible 4-digit number using only 3 different numbers.

Name: _____

"How many buildings are yours?" asked Rose as they were playing the Build as Fast as You

Can game, which is the best new game on their HBox.

"Not telling!" replied April.

Rose would have to use the clue on the screen. If she can guess correctly, she will get 50

more points. The clue said, "If you double the number of buildings that Rose has, Rose will

have 4 less than the number of buildings that April has. Start building fast!"

Rose has 11 buildings. How many buildings does April have?

If you exchange 70 dimes for dollars, then how many dollars would you get?	7 x (1 + 12)	Is 445 closer to 400 or 500?
Robert earns $19 an hour. He worked 5 hours. How much did he make?	___ ÷ 4 = 3	Which number has exactly 11 ones?

Cross out the prepositional phrase in the sentence. Tonight I have dance at 5:30.	Which is larger, 0.4 or 0.5? _____

Name: _____

Use the numbers 5, 1, 9, and 2 to complete each problem. You may not reuse any numbers until the next problem, so don't even try! Hint: The first two blanks are for the number 59.

_____ _____ + _____ _____ = 71

_____ + _____ _____ + _____ = 35

_____ + _____ _____ - _____ = 33

_____ _____ + 83 = _____ _____

What number is halfway between 0 and 6?	Which number is a 2-digit odd number?	75, 80, 85, 90, 95, 100, _____, 110, 115
Ava bought a stuffed animal at the school store. She paid with a $5 bill. She was given back 7 dimes and 2 quarters for change. How much was the stuffed animal?	11 - 9 + 3	59, _____, 71, 77, 83, 89, 95

word root **ab** can mean **away or from**   **abbreviate, abduct, abduction**

Name: _____

Get a fidget spinner! Spin it.   I needed to spin _____ time(s) to finish.

— — — —
54 hundreds

— —
six tens - four ones

— —
nine tens - six ones

— —
the number ten greater than 37

— —
two tens

— —
four tens

— — — —
14 hundreds

— — — — —
six ten-thousands and six ones

— — — —
69 hundreds

— — —
nine hundreds and five tens

— — —
five hundreds and seven tens

— — —
the number ten greater than 563

— — — — —
the number ten greater than 83676

— — — — —
the number ten greater than 66662

— — — — —
the number one thousand greater than 53605

— — — —
eight thousands and four hundreds

— — — — —
88 thousands

— — — — —
73 thousands

— —
eight tens - eight ones

— —
the number ten greater than 22

— —
36 ones

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A
41	76	(15)
(62)	(77)	12
39	84	81

Find a
subtraction fact.

B
76	78	(10)
32	1	98
73	30	11

Find a
subtraction fact.

C
78	57	8
95	(99)	24
73	26	62

Find a
subtraction fact.

Equations:

Write the equation facts you found.

A	77	-	15	=	62
B		-		=	10
C	99	-		=	

Circle the even numbers.

24	56	48	139
31	105	55	50
83	65	33	71

Write the unshaded part as a decimal.

_____

○ severel

○ seveal

○ severil

○ several

Write the number for
four thousand, six
hundred twenty.

_____

What are 100 equal to?

_____

$8\overline{)48}$

Name: _____

11 x 3 + 5	How many minutes are there from 5:00 p.m. until 5:15 p.m.?	What is 15 less than 1,699?
Name the shape with six sides and six angles.	Which number has exactly 7 thousands?	Double the number 5 three times.
Amy has 42 cookies. She and her 6 friends shared them equally. How many cookies did Amy keep?	Circle the four numbers whose sum equals 52. 10 3 8 5 20 17 5 3 3 16 4 4	10 x ___ = 30 = ___ x 6 6 x ___ = 12 = ___ x 3 7 x ___ = 63 = ___ x 3 10 x ___ = 100 = ___ x 25
The number 81 is more than the number 6 by how much?	36 ÷ 9 =	Is 23 a composite or a prime number?
Is 24 a composite or a prime number?	9, 11, 13, 15, _____, 19	110, 121, 132, 143, 154, 165, 176, _____, 198, 209

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 2 in your head	imagine 3 in your head	imagine 4 in your head	imagine 9 in your head
add 3	add 5	multiply 5	double it
multiply 4	subtract 2	subtract 9	subtract 9
	subtract 5	subtract 8	add 1
	add 7	multiply 6	subtract 8
	multiply 2		
		Write the odd digit in your answer.	
Write the ones digit.	Write the tens digit.		Write the number.
____	____	____	____
A	B	C	D

What is the sum?

A + B + C + D

____

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

____ ____ _u_ _r_

7 after 18 _____	3 before 18 _____	8 after 17 _____
3 after 16 _____	7 before 11 _____	9 after 15 _____
2 after 13 _____	6 before 13 _____	1 after 14 _____

Name: _____

```
2 ) 3 6
  - 2 ↓
    1 6
  - 1 6
        0
```

```
6 ) 9 0
  -     ↓
  -
```

```
5 ) 9 0
        ↓
```

```
9 ) 3 6 0
        ↓   ↓
```

```
4 ) 6 0 0
        ↓   ↓
```

```
3 ) 9 4 5
        ↓   ↓
```

Name: _____

Complete each pattern.

0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, ___

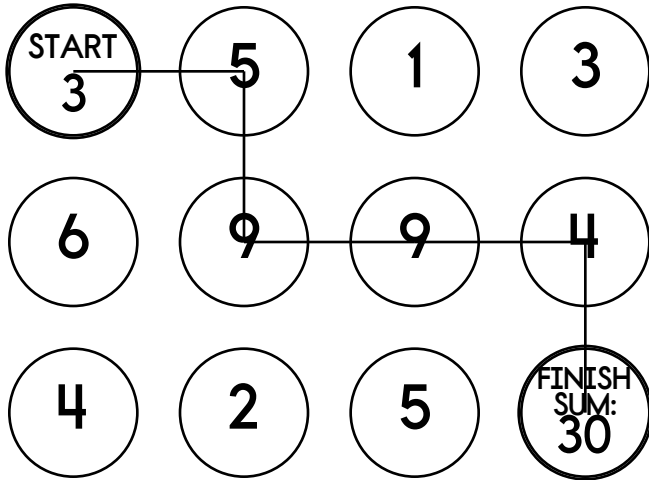9, E, w, 3, 9, E, ___, ___, 9, E, w, 3, 9, E, w, 3, 9

Complete each pattern. Write what the rule is.

382897, 738289, 973828, 897382, _____, _____, 382897,

738289, 973828, 897382, 289738, 828973, 382897, 738289

4132, 2413, 3241, 1324, 4132, 2413, 3241,

1324, 4132, _____, _____, 1324, _____, 2413
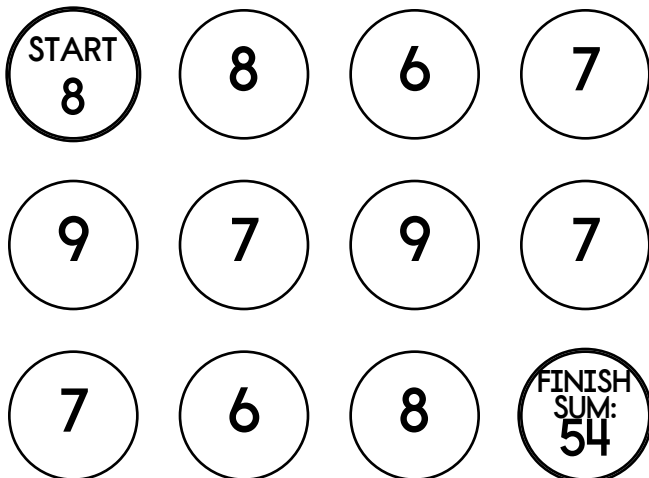
Name: _____

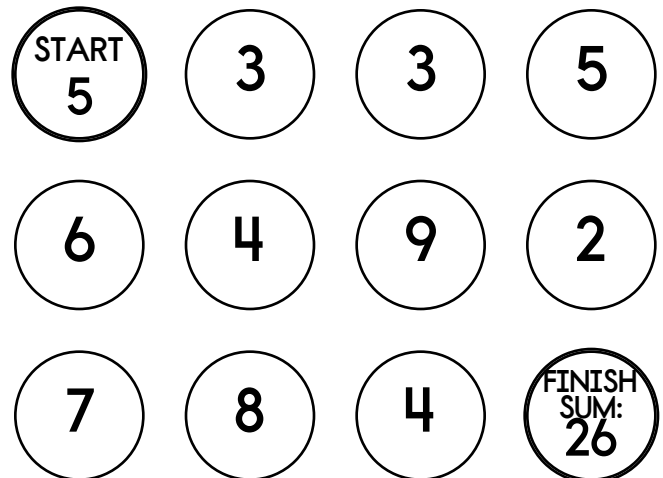Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

Puzzle 1:

START 3 — 5 1 3

6 9 9 4

4 2 5 FINISH SUM: 30

$3 + \underline{5} + \underline{9} + \underline{9} + \underline{4} = 30$

Puzzle 2:

START 8 — 5 1 5

5 5 6 2

2 6 4 FINISH SUM: 24

$8 + \underline{5} + \underline{} + \underline{} + \underline{} = 24$

Puzzle 3:

START 8 8 6 7

9 7 9 7

7 6 8 FINISH SUM: 54

$8 + \underline{9} + \underline{7} + \underline{} + \underline{} + \underline{} +$

$\underline{} = 54$

Puzzle 4:

START 5 3 3 5

6 4 9 2

7 8 4 FINISH SUM: 26
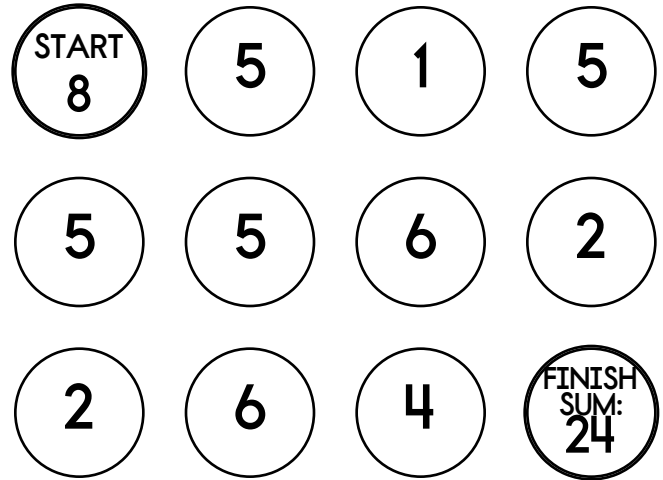
Did you find a path? Write the equation.