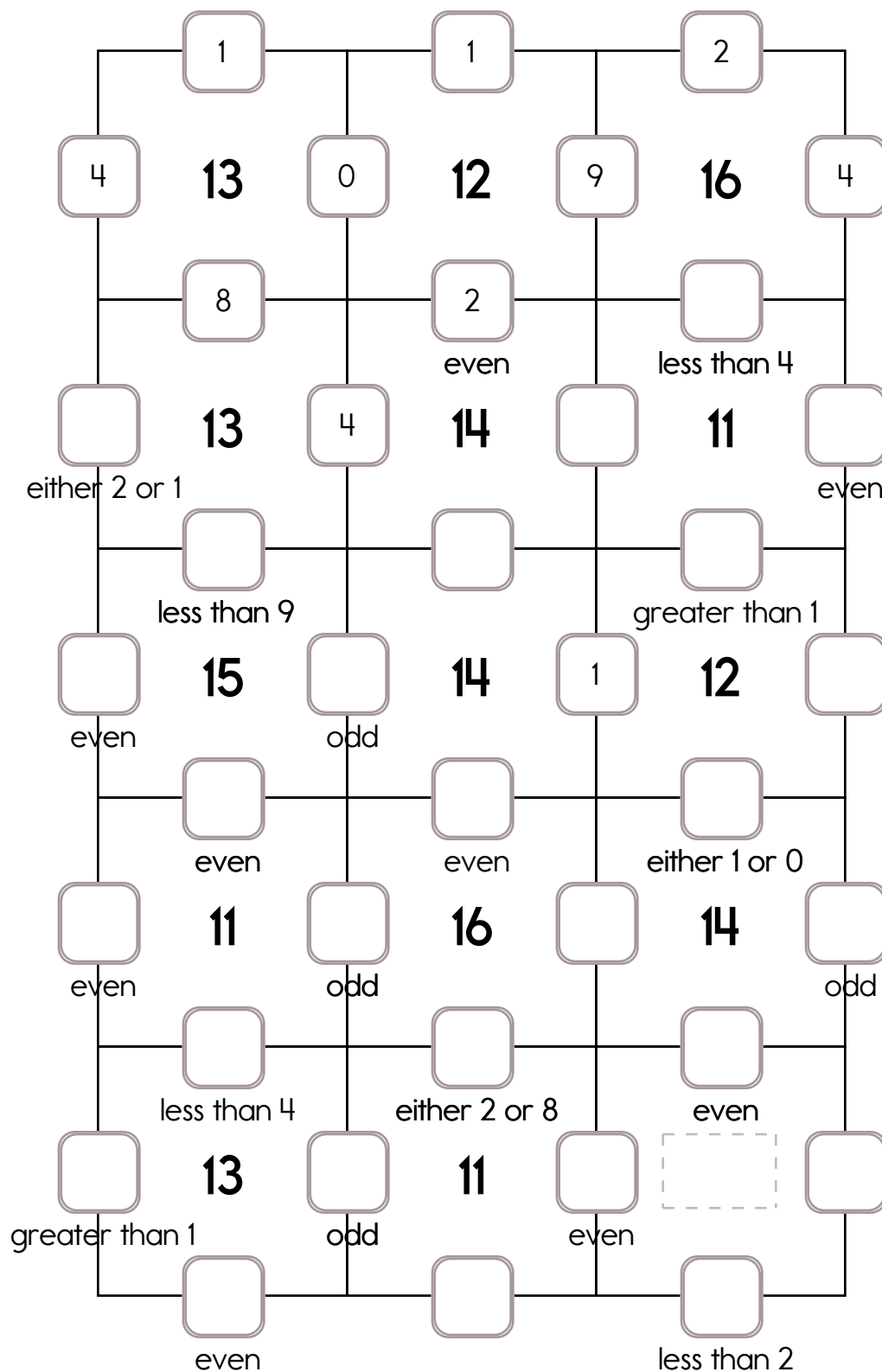**Name:** _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
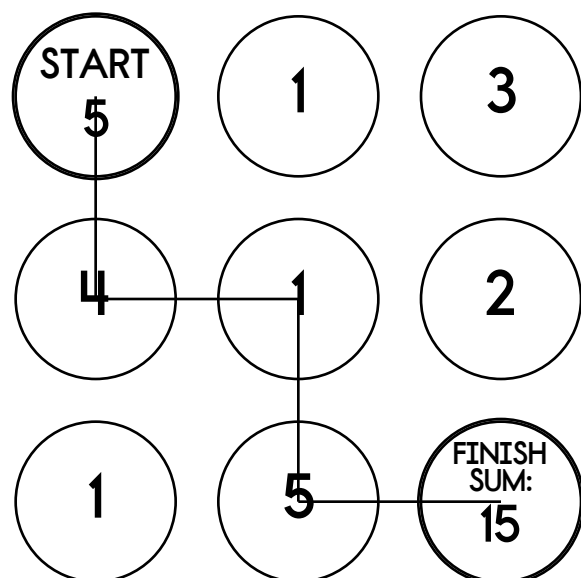Exactly one of the four numbers has to be one of these numbers: 9 or 8.
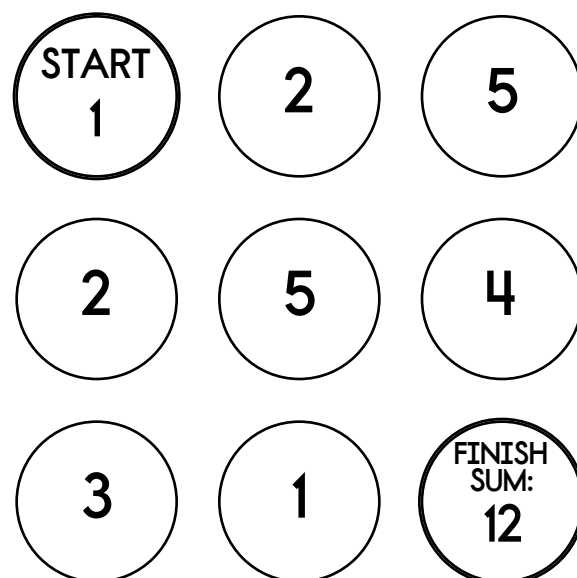The other three numbers have to all be DIFFERENT and must be from these: 1, 4, 0, or 2.

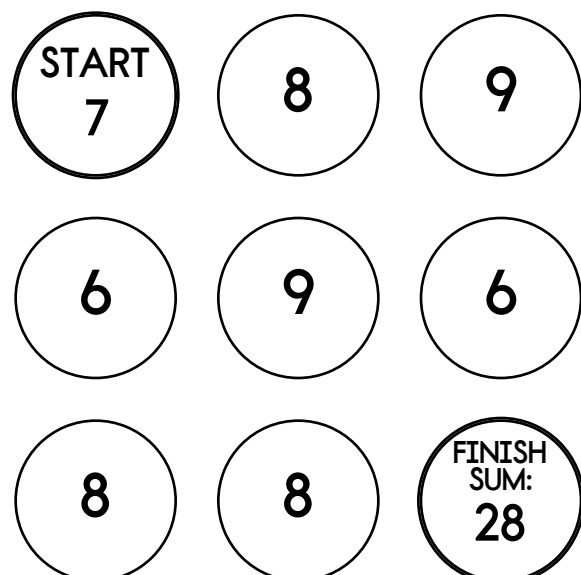|		
1	1	2
4 **13** 0 **12** 9 **16** 4		
8	2	
	even	less than 4
13 4 **14** **11**		
either 2 or 1		even
less than 9		greater than 1
15 **14** 1 **12**		
even	odd	
even	even	either 1 or 0
11 **16** **14**		
even	odd	odd
less than 4	either 2 or 8	even
13 **11**		
greater than 1	odd	even
even		less than 2

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 5 · 1 · 3
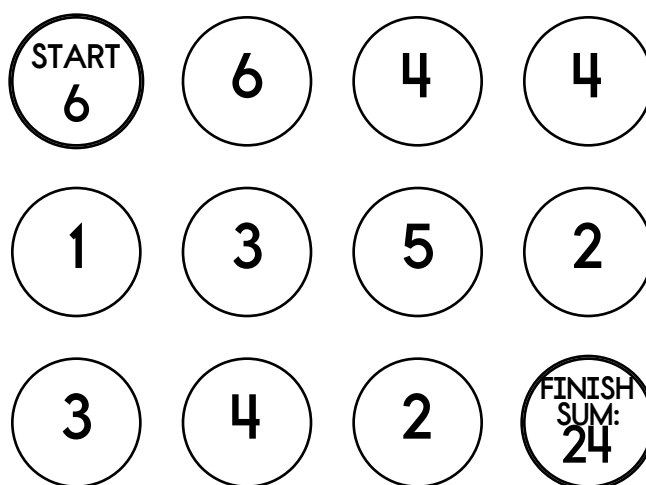4 · 1 · 2
1 · 5 · FINISH SUM: 15

$5 + \underline{4} + \underline{1} + \underline{5} = 15$

Puzzle 2

START 1 · 2 · 5
2 · 5 · 4
3 · 1 · FINISH SUM: 12

$1 + \underline{2} + \underline{} + \underline{} = 12$

Puzzle 3

START 7 · 8 · 9
6 · 9 · 6
8 · 8 · FINISH SUM: 28

$7 + \underline{6} + \underline{} + \underline{} = 28$

Puzzle 4

START 6 · 6 · 4 · 4
1 · 3 · 5 · 2
3 · 4 · 2 · FINISH SUM: 24

$6 + \underline{1} + \underline{3} + \underline{} + \underline{} + \underline{} + \underline{} = 24$

Name: _____

Anne wrote seven poems. Alex wrote five poems. How many more poems did Anne write?

Mr. King is in the Coast Guard. He goes to work at half past six. Write that time another way.

Ms. Smith made a honey cake on Don't Step on a Bee Day. There are 5 people in her family. Each person gets an equal part. What fraction of the cake will each person get?

There are eight cans of Play-Doh in a box. How many cans of Play-Doh are there in four boxes?

Fill in the numbers.

75	76

	22

	63

98	

34	

	34

55

	60

	56

	62

word root **sect** can mean **cut**   **dissect, intersection**

Name: _____

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

C, G, K, _____, S, W

13, 15, 17, 19, _____, 23

How many?

What comes before

and after?

___, 71, ___

___, 97, ___

Circle the odd numbers.

1   19   56

4   72   95

67   683   848

J, _____, K, G, L, H,

M, I, N, J

Write the numbers.

nine ___

fourteen___

twenty-two___

Estimate. Write an EVEN
number. About how many
pencils can you put into an
empty backpack?

How many dots on the bug?

15, 30, 45, _____, 75,

90, 105, 120

How many?

thirty-six plus nine equals

Name: _____

G, I, _____, M, O, Q, S, U, W, Y

What is ten less than 55?

How many?

~~||||~~ ||||

J, L, N, P, R, T, _____, X, Z

F, _____, G, L, H, M, I, N, J, O, K, P, L, Q

4 tens + 6 ones = 46

1 ten + 3 ones = ___

8 tens + 9 ones = ___

5 tens + 0 ones = ___

5 + 1 = ___

15 + 1 = ___

How much is this?

Emily loves reading. She read 2 books this month. She plans to read 11 more. How many books will she read this month?

Estimate. Megan took a cup and filled it with ice cubes. How many could she fit into the cup?

6

16

26

36

In three years Amanda will be in the sixth grade. What grade is she currently in?

Circle the even numbers.

5   68   46

4   99   51

82   827   473

Name: _____

Baba Nina made 25 blini. Her family ate 17 of them. How many blini were left?	Nathan had 6 shirts. His mother bought him some new shirts for school. Now he has 11 shirts. How many shirts did his mother buy?	Jenna likes ice cream. Today she ate eleven scoops of ice cream. Amanda likes ice cream, too. Today she ate seven scoops of ice cream. Jenna ate _____ more scoops of ice cream than Amanda.

Write how much to add or subtract to get from the first number to the second number.

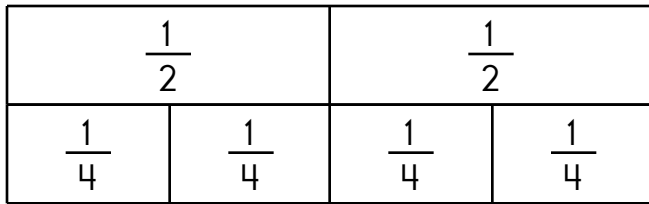| 6 (+3) 9	16 ◯ 7	2 ◯ 12	3 ◯ 1	12 ◯ 8
9 ◯ 17	3 ◯ 10	10 ◯ 4	5 ◯ 10	7 ◯ 9
13 ◯ 6	7 ◯ 2	9 ◯ 19	16 ◯ 8	5 ◯ 14

Write the words into the boxes.

that • tied • start • open • keep • very • baby • busy • dirt
land • spot • look

word root **form** can mean **shape**   uniform, transform

Name: _____

Color each fraction. Compare.

| $\frac{1}{2}$ | | $\frac{1}{2}$ | |
| $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ |

$$\frac{1}{2} \bigcirc \frac{2}{4}$$

Color each fraction. Compare.

| $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | | |
| $\frac{1}{7}$ | $\frac{1}{7}$ | $\frac{1}{7}$ | $\frac{1}{7}$ | $\frac{1}{7}$ | $\frac{1}{7}$ | $\frac{1}{7}$ |
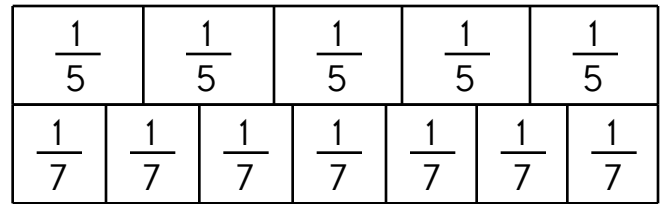
$$\frac{3}{5} \bigcirc \frac{4}{7}$$

Color each fraction. Compare.

| $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ | |
| $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ |
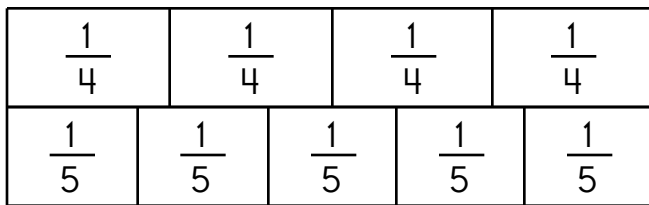
$$\frac{2}{4} \bigcirc \frac{3}{5}$$

Color each fraction. Compare.

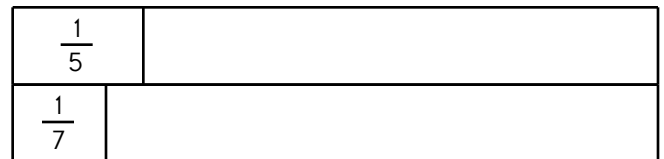| $\frac{1}{3}$ | | $\frac{1}{3}$ | | $\frac{1}{3}$ |
| $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ |
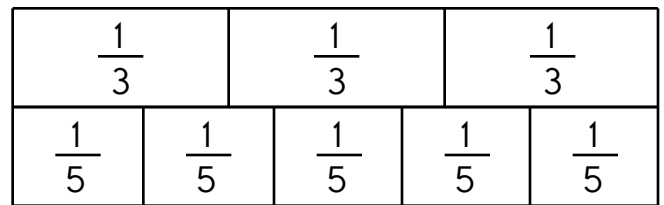
$$\frac{1}{3} \bigcirc \frac{1}{5}$$

Now draw the fraction boxes and then color each fraction to compare.

| $\frac{1}{2}$ | |
| $\frac{1}{3}$ | |
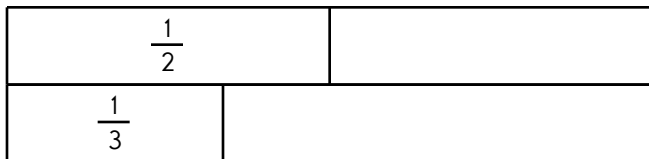
$$\frac{1}{2} \bigcirc \frac{2}{3}$$

Now draw the fraction boxes and then color each fraction to compare.

| $\frac{1}{5}$ | |
| $\frac{1}{7}$ | |

$$\frac{4}{5} \bigcirc \frac{3}{7}$$

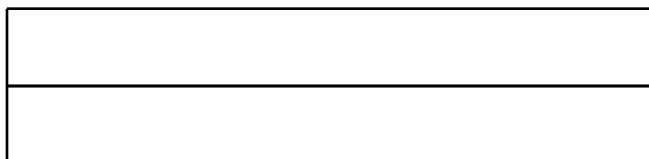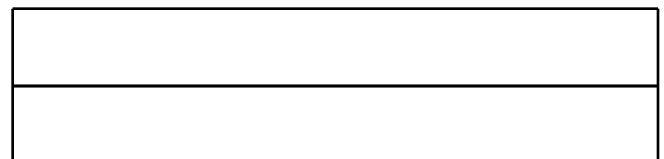Now draw the fraction boxes and then color each fraction to compare.

$$\frac{2}{3} \bigcirc \frac{2}{6}$$

Now draw the fraction boxes and then color each fraction to compare.

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

Name: _____

Wendy has 6 pennies, 4 nickels, and 1 dime. Sara has 3 nickels, 1 dime, and 1 quarter. They are going to buy ice cream. How much more money does Sara have than Wendy?

Nathan bought a bag of jellybeans. The bag cost 66 cents. Nathan gave the clerk $1. How much change did Nathan get back?

Mary has twelve cousins. Five of them live in a big city. How many of her cousins do not live in a big city?
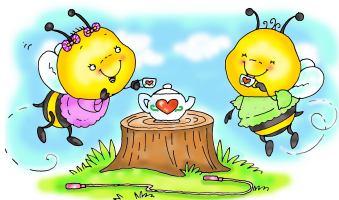

Erin bought some corn. She spent 6 quarters, 4 dimes, and 5 pennies. How much did the corn cost?

Write the missing sign.

11 ___ 7 = 18

What is the largest two-digit number you can make with the numbers 6, 5, and 6?

_____

The Nile River rose 3 feet. It flooded the fields. It rose 5 more feet. How many feet did the water rise in all?

Write the words for each contraction.

when's

that's

How many tally marks?

卌 卌 |||

_____

$$\begin{array}{r} 7\ 9 \\ -\ 4\ 5 \\ \hline \end{array}$$

Name: _____

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{12}$ - ✗ = _____

12 - 1 = _____

Draw ✗

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{17}$ - ✗ = 15

17 - ___ = 15

Draw □ and ✗

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{1}$ - ✗ = 0

1 - ___ = 0

Draw □ and ✗

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{11}$ - ✗ = 4

11 - ___ = 4

Draw □ and ✗

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{12}$ - ✗ = 10

12 - ___ = 10

Draw □ and ✗

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{7}$ - ✗ = 2

7 - ___ = 2

Name: _____

1	2	☒	☒	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{4}$ - ☒ = _____

4 - 2 = _____

Draw ☒

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{6}$ - ☒ = 2

6 - ___ = 2

Draw ☐ and ☒

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{}$ - ☒ = 10

___ - 5 = 10

Draw ☐ and ☒

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{}$ - ☒ = 11

___ - 2 = 11

Draw ☐ and ☒

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{14}$ - ☒ = 13

14 - ___ = 13

Draw ☐ and ☒

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$\boxed{9}$ - ☒ = 2

9 - ___ = 2

Name: _____

Color in the boxes.

11 or 13 = red, 7 or 14 = green,

18 or 12 = black, 10 = blue,

9 or 2 = purple

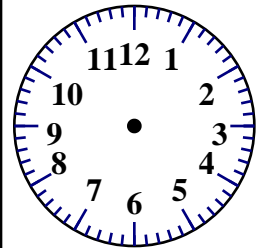What is the hidden number? _____

4 + 3	6 + 8	4 + 3	6 + 8	6 + 8	6 + 8
4 + 3	3 + 6	5 + 5	9 + 2	5 + 5	6 + 8
6 + 8	9 + 2	5 + 7	3 + 6	9 + 9	6 + 8
6 + 8	4 + 3	6 + 8	4 + 3	4 + 3	6 + 8
5 + 7	1 + 1	9 + 2	3 + 6	9 + 4	4 + 3
9 + 2	5 + 5	9 + 4	5 + 5	9 + 2	4 + 3
5 + 5	5 + 7	3 + 6	5 + 7	1 + 1	4 + 3

```
  7 9
- 2 7
```
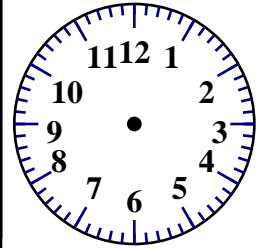

  4 : 20

  8 : 10

Write the final part of each math analogy.

85 tens : 850 :: 85 hundreds : [_____]

Explain why you think your answer is correct.

three dimes and two pennies : $0.32 :: nine dimes and nine pennies : [_____]

Explain why you think your answer is correct.

2 2 + 2 7 = _____

Six is an odd number.

true   false

Name: _____

Sudoku Sums of 6

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 6.

Here is an example of a sudoku sum of 6:

2	4

	2				
		4			
	1	3			5
		2		4	
					1
		6	4		2

$84 + 62 =$ _____

200+3+80

Kevin planted an oak tree in his yard. It was 2 feet tall. It grew and grew. One year later the tree was 6 feet tall. How many feet did the tree grow in one year?

100 more than 785

$$\begin{array}{r} 2\ 0 \\ 2\ 8 \\ +\ 3\ 0 \\ \hline \end{array}$$

Name: _____

8 + 6 = _____

1 + 5 = _____

6 + 4 = _____

9 + 3 = _____

5 + 9 = _____

2 + 5 = _____

How many times
do you need to spin?

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

4 + 3 = _____

7 + 4 = _____

3 + 8 = _____

Spin fidget spinner. Quick!

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

4 + 8 = _____	8 + 4 = _____	9 + 5 = _____	9 + 3 = _____	9 + 8 = _____
8 + 5 = _____	9 + 7 = _____	3 + 9 = _____	5 + 6 = _____	3 + 8 = _____
4 + 3 = _____	9 + 9 = _____	7 + 5 = _____	4 + 6 = _____	7 + 4 = _____
8 + 7 = _____	7 + 7 = _____	8 + 9 = _____	5 + 5 = _____	5 + 4 = _____
4 + 7 = _____	4 + 5 = _____	6 + 6 = _____	8 + 3 = _____	9 + 8 = _____
5 + 7 = _____	6 + 7 = _____	5 + 4 = _____	3 + 8 = _____	6 + 5 = _____

42 / 30 12	57 / 7 ◯	42 / 27 ◯	86 / 45 ◯	99 / ◯ 39
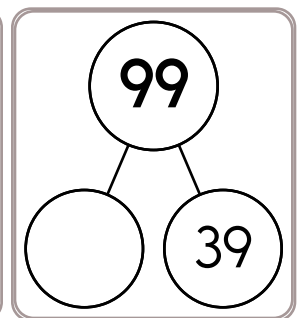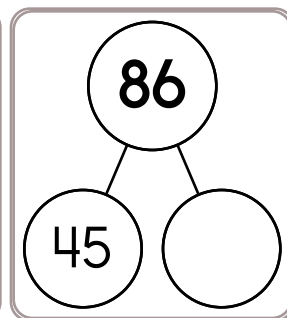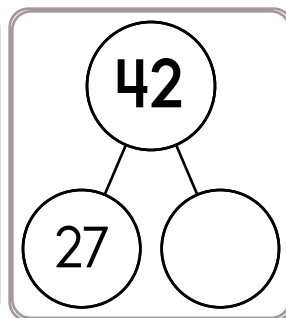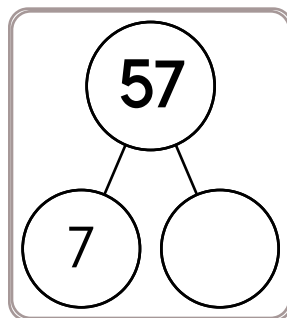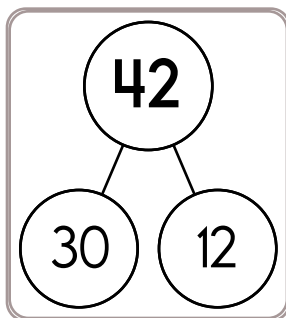
4 + 5 = _____	6 + 7 = _____	8 + 3 = _____	7 + 8 = _____	7 + 6 = _____
9 + 3 = _____	4 + 4 = _____	8 + 7 = _____	6 + 7 = _____	8 + 9 = _____
4 + 8 = _____	5 + 7 = _____	4 + 9 = _____	5 + 3 = _____	8 + 4 = _____
5 + 6 = _____	7 + 4 = _____	4 + 8 = _____	8 + 6 = _____	5 + 9 = _____
6 + 9 = _____	7 + 5 = _____	9 + 8 = _____	3 + 8 = _____	8 + 7 = _____

Name: _____

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

$$\frac{\boxed{}}{2} = \frac{2}{4}$$

$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

$$\frac{\boxed{}}{4} = \frac{2}{8}$$

$\frac{1}{10}$	
$\frac{1}{5}$	

$$\frac{2}{10} = \frac{\boxed{}}{5}$$

$\frac{1}{2}$	
$\frac{1}{8}$	

$$\frac{\boxed{}}{2} = \frac{4}{8}$$

$\frac{1}{6}$	
$\frac{1}{3}$	

$$\frac{2}{6} = \frac{\boxed{}}{3}$$

$\frac{1}{2}$	
$\frac{1}{10}$	

$$\frac{\boxed{}}{2} = \frac{5}{10}$$

$\frac{1}{6}$	
$\frac{1}{2}$	

$$\frac{3}{6} = \frac{\boxed{}}{2}$$

$\frac{1}{3}$	
$\frac{1}{9}$	

$$\frac{\boxed{}}{3} = \frac{\boxed{}}{9}$$

Name: _____

Complete the pattern.

| 9 | 12 | 15 | 18 | 21 | ____ ____ ____ |

| 8 | 10 | 12 | 14 | 16 | ____ ____ ____ |

| 8 | 12 | 16 | 20 | ____ ____ ____ ____ |

| 5 | 6 | 7 | 8 | ____ ____ ____ ____ |

| 10 | 20 | 30 | 40 | 50 | ____ ____ ____ |

| 45 | 54 | 63 | 72 | ____ ____ ____ ____ |

It is your turn. Write O to make your move.

```
 O | X
---+---
 X |
```

```
  3 8        2 6        8 1
+ 2 1      + 7 3      + 1 3
```

word root **enni** can mean **year**   **bicentennial, centennial, perennial**