Odd or Even?

Color odd sections blue.
Color even sections yellow.

$4 + 1$

$6 + 3$

odd − odd

$3 − 1$

**even
+
even**

$6 − 1$

even − odd

odd − even

$6 + 4$

$7 − 3$

$5 + 5$

$1 + 1 + 1$

$3 + 4$

**odd
+
odd**

$2 + 7$

$3 + 1$

even − even

odd + even

$5 + 6$

Making Numbers as Sums of 1, 2, 4, and 8

Draw a train of rods to show the number. Write a number sentence. Use the numbers 1, 2, 4, and 8.

1. 5

_____

2. 10

_____

3. 12

_____

4. 9

_____

Combining Triangular Numbers
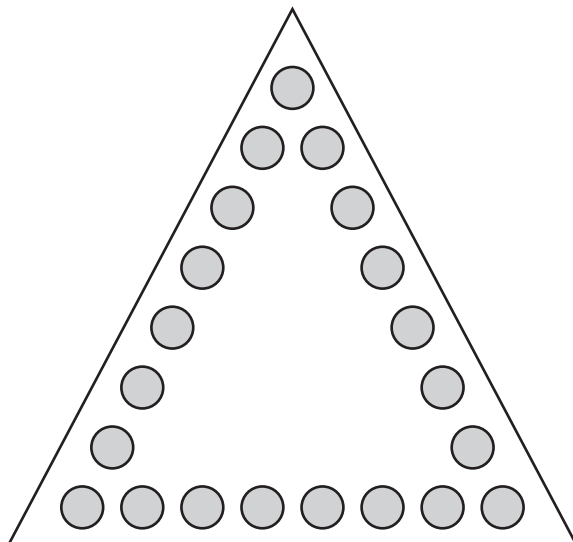
1. Which is a triangular number?
Draw more dots in the triangle to find out.

34   35   36

---

2. Make a list of all the triangular numbers
you know.

_____

---

3. Use triangular numbers to make each number.
Use + or − in each number sentence.

9 = _____   9 = _____

20 = _____   20 = _____

Bigger Cross Number Puzzles

1. Continue the pattern.

5, 10, 15, ____, ____, ____, ____, ____, ____, ____, ____, ____

Use these numbers to complete the Cross Number Puzzles.

2.

5		5	
			40
	15		
30			120

3.

	15		
			60
	0		
20			120

Using Rods to Solve Problems

Draw rods to show how you solved the problem.

1. Jackie eats 5 carrot sticks.
Sam eats 6 carrot sticks.
How many carrot sticks do they eat in all?   _____ carrot sticks

2. There are 4 tricycles on the playground.
Each tricycle has 3 wheels.
How many wheels are there in all?   _____ wheels

3. Katie has a sticker book.
One page has 4 stickers. Another page has
9 stickers. The last page has 2 stickers.
How many stickers are there in all?   _____ stickers

Solving Riddles

Solve the riddle. Draw a line to match.

1. I am the sum of 6 and 8.
I am 4 more than 10.
What number am I?

12

2. I am the sum of 9 and 3.
I am 2 more than 10.
What number am I?

15

3. I am the sum of 8 and 5.
I am 3 more than 10.
What number am I?

14

4. I am the sum of 9 and 2.
I am 1 more than 10.
What number am I?

13

5. I am the sum of 7 and 8.
I am 5 more than 10.
What number am I?

11

Making 16

1. Continue the pattern.

$$0 + 16 = 16$$

$$1 + 15 = 16$$

$$2 + 14 = 16$$

___ + ___ = ___   ___ + ___ = ___

___ + ___ = ___   ___ + ___ = ___

                     ___ + ___ = ___

                     ___ + ___ = ___

2. If you had 16 tiles, how many different
rectangles could you make?
Draw them on the grid.   _____ rectangles
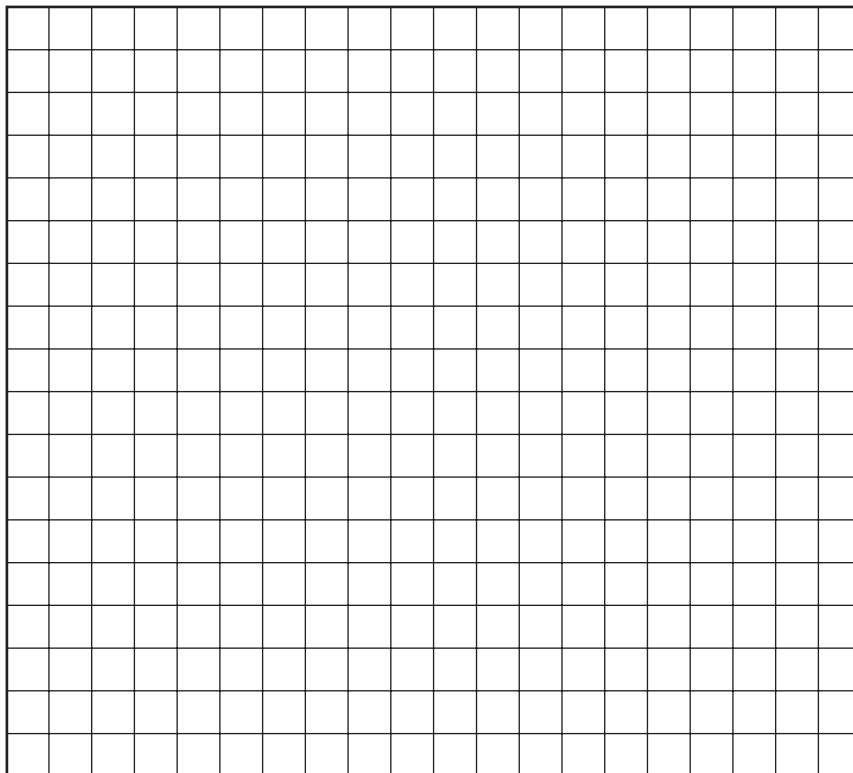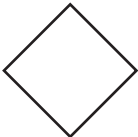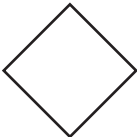
Sum Code

Use the secret code to fill in the missing numbers. Then find each sum.
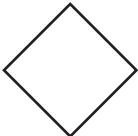
Secret Code

| 6 | 7 | 8 | 9 |

1. ◇ + ◇ = _____
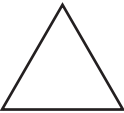
2. ◯ + ☐ = _____
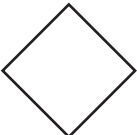
3. △ + ☐ = _____

4. ◇ + △ = _____

5. ☐ + ◇ = _____

6. △ + ◯ = _____

Sums to 20

Write a number sentence to match the dots.

1.

$$\underline{9} + \underline{8} = \underline{17}$$

2.

$$\underline{} + \underline{} = \underline{}$$

3.

$$\underline{} + \underline{} = \underline{}$$

4.

$$\underline{} + \underline{} = \underline{}$$

5.

$$\underline{} + \underline{} = \underline{}$$

6.

$$\underline{} + \underline{} = \underline{}$$