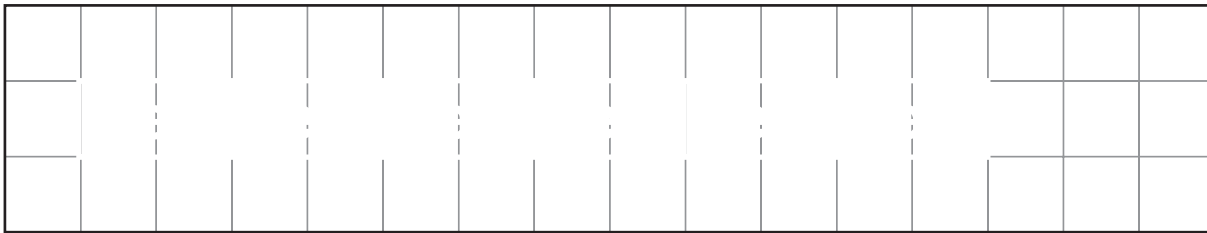# Making Even and Odd Numbers
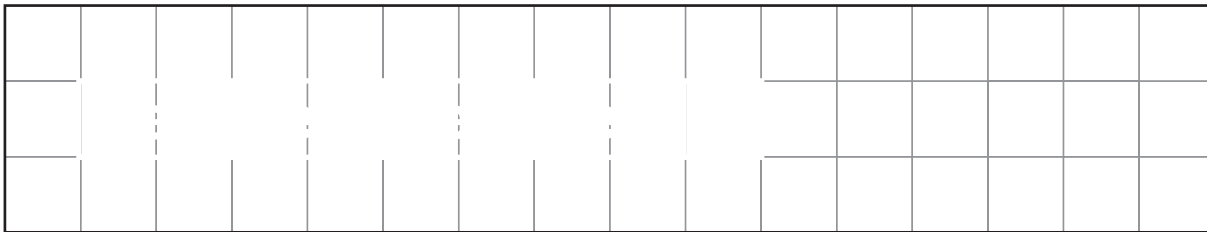
**Draw and color rods to show each sum.
Is the sum even or odd?**

1. $5 + 7$

even   odd

2. $6 + 3$

even   odd

**Draw a picture for each.
Is the sum even or odd?**

3. odd + even = _____

4. odd + odd = _____

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

What number does each rod show?

1.

purple

4

_____

2.

W

_____

3.

brown

_____

4.

red

_____

What number sentence does each train show?

5.

brown	purple

_____ + _____ = _____

6.

brown	purple	red

_____ + _____ + _____ = _____

7.

brown	red	W

_____ + _____ + _____ = _____

Combining Triangular Numbers

How many dots are in the triangle?

1.
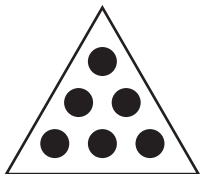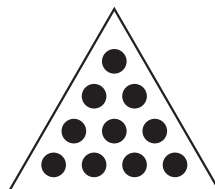
2.

3.

4.

_6_ _____

_____

_____

_____

What is the fact family?

5.
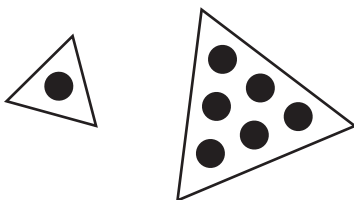
6.

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

___ − ___ = ___

___ − ___ = ___

___ − ___ = ___

___ − ___ = ___
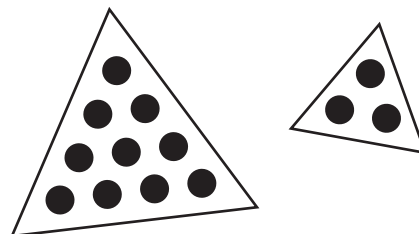
Making Sums of 60

Complete each Cross Number Puzzle.
Use multiples of 10.

1.

		40
	10	20
20	40	60

2.

0		10
		50
30	30	60

Continue the pattern.
Use the numbers to complete
the Cross Number Puzzles below.

5, 10, 15, 20, _____, _____, _____, _____, _____, _____, _____, _____, _____

3.

		50
5		10
25	35	60

4.

	30	45
		15
30	30	60

Sums to 12

Draw rods to show the sum. What is the sum?

1. $3 + 9 =$ _____

2. $4 + 7 =$ _____

What number sentence does each train show?

3.

W	brown	W

_____

4.

green	purple	yellow

_____

5.

red	orange

_____

Sums to 15

What number sentence does each train show?

1.

blue	yellow

_____

2.

black	brown

_____

Draw dots to show each addend.
Write the missing numbers.

3. 6 + 9

10   +   _____   =   _____

4. 8 + 5

10   +   _____   =   _____

Sums to 16

Write the missing numbers.

1.

						6
						+ ☐

2 + ☐ + ☐ + ☐ + ☐ + ☐ = ☐

Complete each Cross Number Puzzle.

2.

	3	**10**
1		6
8	**8**	16

3.

4		12
		2
6	**8**	14

4.

	2	**4**
5		11
7	**8**	

5.

3		7
	7	**9**
5	**11**	

Sums to 18

Write the missing numbers.

I.

| | | | | | | | **7** |

| | | | | | | | $+ \square$ |

$2 + \square + \square + \square + \square + \square + \square = \square$

---

2. $5 + 6 =$ _____

The sum is 1 more than $\triangle + \triangle =$ _____.

The sum is 1 less than $\square + \square =$ _____.

---

3. $8 + 9 =$ _____

The sum is 1 more than $\Diamond + \Diamond =$ _____.

The sum is 1 less than $\bigcirc + \bigcirc =$ _____.

Sums to 20

**Draw dots to show each number.
Then find the sum**

1. $9 + 10 =$ _____

2. $8 + 9 =$ _____

3. $7 + 5 =$ _____

What is the sum?

4. $9 + 4 =$ _____	**5.** $10 + 10 =$ _____	**6.** $7 + 8 =$ _____
7. $7 + 5 =$ _____	**8.** $9 + 9 =$ _____	**9.** $7 + 7 =$ _____
10. $8 + 8 =$ _____	**11.** $6 + 7 =$ _____	**12.** $7 + 9 =$ _____