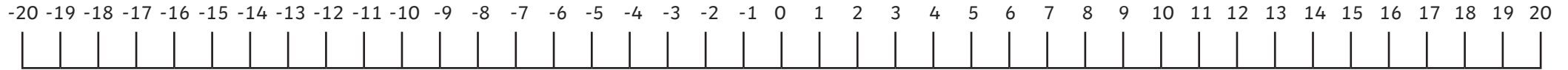


# Working with Directed Numbers

Use this number line to help you.



1. Start at 7. Take away 2. What number are you on now?  $7 - 2 =$  \_\_\_\_\_

2. Start at -1. Add on 4. What number are you on now?  $-1 + 4 =$  \_\_\_\_\_

3. Start at 5. Take away 8. What number are you on now?  $5 - 8 =$  \_\_\_\_\_

Now, solve the problems below in the same way.

$8 - 11 =$  \_\_\_\_\_

$2 - 9 =$  \_\_\_\_\_

$-20 + 10 =$  \_\_\_\_\_

$-2 - 5 =$  \_\_\_\_\_

$13 - 19 =$  \_\_\_\_\_

$0 - 8 =$  \_\_\_\_\_

$10 - 14 =$  \_\_\_\_\_

$8 - 9 =$  \_\_\_\_\_

$9 - 17 =$  \_\_\_\_\_

$11 - 13 =$  \_\_\_\_\_

$-16 - 3 =$  \_\_\_\_\_

$-5 - 4 =$  \_\_\_\_\_

$-4 - 8 =$  \_\_\_\_\_

$14 - 10 =$  \_\_\_\_\_

$-5 + 7 =$  \_\_\_\_\_

$16 - 15 =$  \_\_\_\_\_

$-6 + 9 =$  \_\_\_\_\_

$17 - 20 =$  \_\_\_\_\_

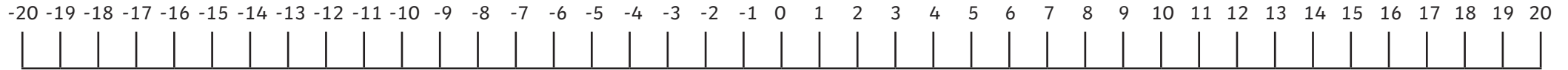
$12 - 18 =$  \_\_\_\_\_

$-17 + 7 =$  \_\_\_\_\_



# Working with Directed Numbers

## Answers



1. Start at 7. Take away 2. What number are you on now?  $7 - 2 = 5$
2. Start at -1. Add on 4. What number are you on now?  $-1 + 4 = 3$
3. Start at 5. Take away 8. What number are you on now?  $5 - 8 = -3$

Now, solve the problems below in the same way.

$$8 - 11 = -3$$

$$2 - 9 = -7$$

$$-20 + 10 = -10$$

$$-2 - 5 = -7$$

$$13 - 19 = -6$$

$$0 - 8 = -8$$

$$10 - 14 = -4$$

$$8 - 9 = -1$$

$$9 - 17 = -8$$

$$11 - 13 = -2$$

$$-16 - 3 = -19$$

$$-5 - 4 = -9$$

$$-4 - 8 = -12$$

$$14 - 10 = 4$$

$$-5 + 7 = 2$$

$$16 - 15 = 1$$

$$-6 + 9 = 3$$

$$17 - 20 = -3$$

$$12 - 18 = -6$$

$$-17 + 7 = -10$$