



**Write an expression for the given phrase.**

1. A number times 7

$$x * 7$$

2. 2 plus a number

$$x + 2$$

3. A number minus 9

$$x - 9$$

4. A number minus 1

$$x - 1$$

5. The quotient of a number and 1

$$x/1$$

6. The product of a number and 6

$$x * 6$$

7. 10 plus a number

$$x + 10$$

8. 5 more than a number

$$x + 5$$

9. A number divided by 2

$$x/2$$

10. 9 less than a number

$$x - 9$$

11. A number multiplied by 2

$$x * 2$$

12. A number divided by 1

$$x/1$$

**Solution Steps**

<sup>1)</sup> A number times 7

Figure out the operation that is being referred to  
Because we see the word times, we know this expression will use Multiplication

Let  $x$  = the unknown number

When we put this together, we end up with  $x * 7$

<sup>2)</sup> 2 plus a number

Figure out the operation that is being referred to  
Because we see the word plus, we know this expression will use Addition

Let  $x$  = the unknown number

When we put this together, we end up with  $x + 2$

<sup>3)</sup> A number minus 9

Figure out the operation that is being referred to  
Because we see the word minus, we know this expression will use Subtraction

Let  $x$  = the unknown number

When we put this together, we end up with  $x - 9$

<sup>4)</sup> A number minus 1

Figure out the operation that is being referred to  
Because we see the word minus, we know this expression will use Subtraction

Let  $x$  = the unknown number

When we put this together, we end up with  $x - 1$

<sup>5)</sup> The quotient of a number and 1

Figure out the operation that is being referred to

Because we see the word quotient, we know this expression will use Division

Let  $x$  = the unknown number

When we put this together, we end up with  $x/1$

<sup>6)</sup> The product of a number and 6

Figure out the operation that is being referred to

Because we see the word product, we know this expression will use Multiplication

Let  $x$  = the unknown number

When we put this together, we end up with  $x * 6$

<sup>7)</sup> 10 plus a number

Figure out the operation that is being referred to

Because we see the word plus, we know this expression will use Addition

Let  $x$  = the unknown number

When we put this together, we end up with  $x + 10$

<sup>8)</sup> 5 more than a number

Figure out the operation that is being referred to

Because we see the phrase more than, we know this expression will use Addition

Let  $x$  = the unknown number

When we put this together, we end up with  $x + 5$

<sup>9)</sup> A number divided by 2

Figure out the operation that is being referred to

Because we see the phrase divided by, we know this expression will use Division

Let  $x$  = the unknown number

When we put this together, we end up with  $x/2$

<sup>10)</sup> 9 less than a number

Figure out the operation that is being referred to

Because we see the phrase less than, we know this expression will use Subtraction

Let  $x$  = the unknown number

When we put this together, we end up with  $x - 9$

<sup>11)</sup> A number multiplied by 2

Figure out the operation that is being referred to

Because we see the phrase multiplied by, we know this expression will use Multiplication

Let  $x$  = the unknown number

When we put this together, we end up with  $x * 2$

<sup>12)</sup> A number divided by 1

Figure out the operation that is being referred to

Because we see the phrase divided by, we know this expression will use Division

Let  $x$  = the unknown number

When we put this together, we end up with  $x / 1$