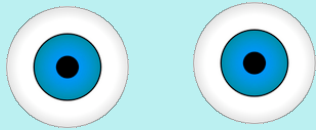


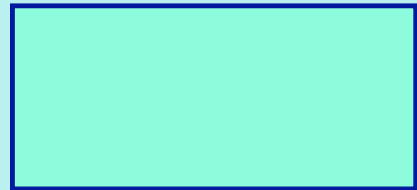
Dividing by 2's



by Scott O'Toole

Dividing by 2's

What does it mean to divide?





Division is the opposite of multiplication
or the **inverse operation**.

Inverse operation means that it reverses
the effect of the other operation?

Therefore division reverses the
effect of multiplication

Example:

$$3 \times 4 = 12 \text{ therefore } 12 \div 4 = 3$$


1. Click box  to reveal correct product.
2. Drag product down to the  to become the dividend.
3. Divide to find the quotient.

$$2 \times 2 = \text{blue square}$$

$$\div =$$

dividend divisor quotient

Click on the arrow  to see an example of how to set up your problem.


1. Click box  to reveal correct product.
2. Drag product down to the become the dividend.
3. Divide to find the quotient.









Now you try to set up the division problem by following the steps.


$$5 \times 2 = 10$$








$$10 \div 2 = 5$$


dividend divisor quotient








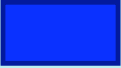
1. Delete boxes  to reveal correct product.
2. Drag product down to the become the dividend.
3. Divide to find the quotient.


| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2 | × | 2 | = |  |  | × |  | = |  |
| | | ÷ | | = | | | | | |
| 3 | × | 2 | = |  |  | × |  | = |  |
| | | ÷ | | = | | | | | |

1. Delete boxes  to reveal correct product.
2. Drag product down to the become the dividend.
3. Divide to find the quotient.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4 | × | 2 | = |  |  | × |  | = |  |
| | | ÷ | | = | | | | | |
| 5 | × | 2 | = | 10 |  | × |  | = |  |
| | | ÷ | | = | | | | | |

1. Delete boxes  to reveal correct product.
2. Drag product down to the become the dividend.
3. Divide to find the quotient.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 6 | × | 2 | = |  |  | × |  | = |  |
| | | ÷ | | = | | | | | |
| 7 | × | 2 | = |  |  | × |  | = |  |
| | | ÷ | | = | | | | | |


1. Delete boxes  to reveal correct product.
2. Drag product down to the become the dividend.
3. Divide to find the quotient.

$$8 \times 2 = \square \quad \text{○○○○} \times \text{○○○○} = \square$$

$$\div =$$

$$9 \times 2 = \square \quad \text{○○○} \times \text{○○○} = \square$$

$$\div =$$

1. Delete boxes  to reveal correct product.
2. Drag product down to the become the dividend.
3. Divide to find the quotient.

$$10 \times 2 = \square \quad \text{○○○○} \times \text{○○○○} = \square$$

$18 \div 2 =$

$16 \div 2 =$

$2 \div 2 =$

$10 \div 2 =$

$12 \div 2 =$

$14 \div 2 =$

$20 \div 2 =$

$8 \div 2 =$

$6 \div 2 =$

$4 \div 2 =$

Drag the quotient after the problem that they go with.

7 8 6 4 1 9 10 2 3 5

Turn on the function machine.

Grab a number and tell what that answer would be if you divided it by 2.

Then drag it through the machine to see if you were correct.

14 8 12 16 18 20

4 10 2 6



$\div 2$

Click on a character to practice division.

