



Calculations with Zero and One

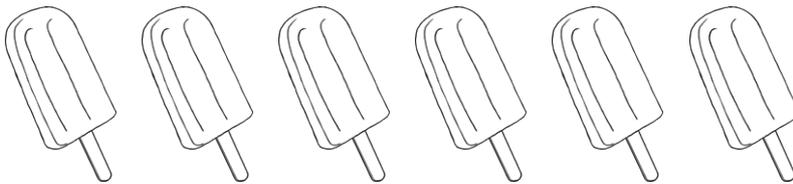
I can multiply by 0 and 1 and divide by 1.



Multiplying and Dividing by One

1. Draw a picture to illustrate each of these number sentences, e.g.

$$6 \times 1 = 6$$



a. $3 \div 1 =$

b. $5 \div 1 =$

c. $1 \times 8 =$

d. $0 \times 1 =$

e. $1 \times 1 =$

2. Complete these sentences to explain the rules. Choose an answer from the box below. You can use the same sentence for both rules if you want to.

When you multiply a number by one, the answer is _____

When you divide a number by one, the answer is _____

the number that you started with

zero

one

double the number you started with



Calculations with Zero and One

3. Now solve these problems:

a. $5 \times 0 =$ _____

b. $1 \times 100 =$ _____

c. $15 \times 0 =$ _____

d. $15 \div 1 =$ _____

e. $4 \times 1 =$ _____

f. $5 + 1 =$ _____

g. $0 \times 0 =$ _____

h. $1 \div 1 =$ _____

i. $19 \div 1 =$ _____



Calculations with Zero and One **Answers**

1. Draw a picture to illustrate each of these number sentences

a. $3 \div 1 = \mathbf{3}$

b. $5 \div 1 = \mathbf{5}$

c. $1 \times 8 = \mathbf{8}$

d. $0 \times 1 = \mathbf{0}$

e. $1 \times 1 = \mathbf{1}$

2. Complete these sentences to explain the rules. Choose an answer from the box below. You can use the same sentence for both rules if you want to.

When you divide a number by one, the answer is **the number that you started with.**

When you divide a number by one, the answers is **the number that you started with.**

3. Now solve these problems:

a. $5 \times 0 = \mathbf{0}$

b. $1 \times 100 = \mathbf{100}$

c. $15 \times 0 = \mathbf{0}$

d. $15 \div 1 = \mathbf{15}$

e. $4 \times 1 = \mathbf{4}$

f. $5 + 1 = \mathbf{6}$

g. $0 \times 0 = \mathbf{0}$

h. $1 \div 1 = \mathbf{1}$

i. $19 \div 1 = \mathbf{19}$



Calculations with Zero and One

I can multiply by 0 and 1 and divide by 1.



Multiplying and Dividing by One

1. Answer these calculations:

- a. $8 \div 1 =$
- b. $86 \div 1 =$
- c. $32 \times 0 =$
- d. $1 \times 45 =$
- e. $0 \times 1 =$
- f. $1 \times 1 =$

2. Complete these sentences to explain the rules. Choose an answer from the box below. You can use the same sentence for both rules if you want to.

When you multiply a number by one, the answer is _____

When you divide a number by one, the answer is _____

the number that you started with, zero, one, double the number you started with

3. Now solve these problems:

- a. The product of 23 and 0 = _____
- b. $0 \times 48 =$ _____
- c. 1 set of 2340 = _____
- d. 150 multiplied by 0 = _____
- e. $150 \div 1 =$ _____
- f. $42 \times 1 =$ _____
- g. $510 + 1 =$ _____
- h. $0 \times 0 =$ _____
- i. 1 divided by 1 = _____
- j. 199 subtract 1 = _____



Calculations with Zero and One **Answers**

1. Answer these calculations:

a. $8 \div 1 = \mathbf{8}$

b. $86 \div 1 = \mathbf{86}$

c. $32 \times 0 = \mathbf{0}$

d. $1 \times 45 = \mathbf{45}$

e. $0 \times 1 = \mathbf{0}$

f. $1 \times 1 = \mathbf{1}$

2. Complete these sentences to explain the rules. Choose an answer from the box below. You can use the same sentence for both rules if you want to.

When you multiply a number by one, the answer is **the number that you started with.**

When you divide a number by one, the answer is **the number that you started with.**

3. Now solve these problems:

a. The product of 23 and 0 = **0**

g. $510 + 1 = \mathbf{511}$

b. $0 \times 48 = \mathbf{0}$

h. $0 \times 0 = \mathbf{0}$

c. 1 set of 2340 = **2340**

i. 1 divided by 1 = **1**

d. 150 multiplied by 0 = **0**

j. 199 subtract 1 = **198**

e. $150 \div 1 = \mathbf{150}$

f. $42 \times 1 = \mathbf{42}$



Calculations with Zero and One

I can multiply by 0 and 1 and divide by 1.



Multiplying and Dividing by One

1. Answer these calculations:

a. $8 \div 1 =$

b. $86 \div 1 =$

c. $32 \times 0 =$

d. $1 \times 45 =$

e. $0 \times 1 =$

f. $1 \times 1 =$

2. Complete these sentences to explain the rules. Choose an answer from the box below. You can use the same sentence for both rules if you want to.

When you multiply a number by one, the answer is _____

When you divide a number by one, the answer is _____

the number that you started with, zero, one, double the number you started with



Calculations with Zero and One

3. Now solve these problems:

a. $23 \times 0 =$ _____

b. 0 plus 48 = _____

c. $1 \times 2340 =$ _____

d. The product of 150 and 0 = _____

e. $150 \div 1 =$ _____

f. $42 \times 1 =$ _____

g. $510 + 1 =$ _____

h. $0 \times 0 =$ _____

i. 1 divided by 1 = _____

j. 199 minus 1 = _____

k. $53 \times 0 =$ _____

l. $0 + 7878 =$ _____

m. 1 multiplied by 23 = _____

n. $67 \times 0 =$ _____

o. $139 \div 1 =$ _____

p. The sum of 412 and 1 = _____

q. 1000 subtract 1 = _____

r. $5 \times 0 =$ _____

s. $111 \div 1 =$ _____

t. 2 shared by 1 = _____



Calculations with Zero and One **Answers**

1. Answer these calculations:

- a. $8 \div 1 = \mathbf{8}$
- b. $86 \div 1 = \mathbf{86}$
- c. $32 \times 0 = \mathbf{0}$
- d. $1 \times 45 = \mathbf{45}$
- e. $0 \times 1 = \mathbf{0}$
- f. $1 \times 1 = \mathbf{1}$

2. Complete these sentences to explain the rules. Choose an answer from the box below. You can use the same sentence for both rules if you want to.

When you multiply a number by one, the answer is **the number that you started with.**

When you divide a number by one, the answer is **the number that you started with.**

3. Now solve these problems:

- a. $23 \times 0 = \mathbf{0}$
- b. 0 plus 48 = **48**
- c. $1 \times 2340 = \mathbf{2340}$
- d. The product of 150 and 0 = **0**
- e. $150 \div 1 = \mathbf{150}$
- f. $42 \times 1 = \mathbf{42}$
- g. $510 + 1 = \mathbf{511}$
- h. $0 \times 0 = \mathbf{0}$
- i. 1 divided by 1 = **1**
- j. 199 minus 1 = **198**
- k. $53 \times 0 = \mathbf{0}$
- l. $0 + 7878 = \mathbf{7878}$
- m. 1 multiplied by 23 = **23**
- n. $67 \times 0 = \mathbf{0}$
- o. $139 \div 1 = \mathbf{139}$
- p. The sum of 412 and 1 = **413**
- q. 1000 subtract 1 = **999**
- r. $5 \times 0 = \mathbf{0}$
- s. $111 \div 1 = \mathbf{111}$
- t. 2 shared by 1 = **2**