

Name: \_\_\_\_\_

## Properties of Division

The **Identity Property Division** states that any number divided by 1 equals itself.

examples:  $5 \div 1 = 5$      $10 \div 1 = 10$      $124 \div 1 = 124$      $t \div 1 = t$

The **Zero Property Division** states that zero divided by any number equals zero.

examples:  $0 \div 3 = 0$      $0 \div 12 = 0$      $0 \div 256 = 0$      $0 \div r = 0$

**Find the quotient for each division sentence.**

a.  $14 \div 1 =$  \_\_\_\_\_

b.  $0 \div 13 =$  \_\_\_\_\_

c.  $0 \div 29 =$  \_\_\_\_\_

d.  $0 \div 1 =$  \_\_\_\_\_

e.  $2 \div 1 =$  \_\_\_\_\_

f.  $545 \div 1 =$  \_\_\_\_\_

g.  $0 \div 2,300 =$  \_\_\_\_\_

h.  $a \div 1 =$  \_\_\_\_\_

i.  $0 \div z =$  \_\_\_\_\_

**Complete each division sentence by writing the missing dividend, divisor, or quotient.**

j. \_\_\_\_\_  $\div 1 = 15$

k. \_\_\_\_\_  $\div 32 = 0$

l.  $99 \div 1 =$  \_\_\_\_\_

m.  $67 \div$  \_\_\_\_\_  $= 67$

n.  $0 \div 81 =$  \_\_\_\_\_

o. \_\_\_\_\_  $\div 1 = 5$

p.  $0 \div x =$  \_\_\_\_\_

q.  $y \div$  \_\_\_\_\_  $= y$

r. \_\_\_\_\_  $\div 9,999 = 0$

# ANSWER KEY

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The **Identity Property Division** states that any number divided by 1 equals itself.

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The **Zero Property Division** states that zero divided by any number equals zero.

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Find the quotient for each division sentence.

a.  $14 \div 1 = \underline{14}$

b.  $0 \div 13 = \underline{0}$

c.  $0 \div 29 = \underline{0}$

d.  $0 \div 1 = \underline{0}$

e.  $2 \div 1 = \underline{2}$

f.  $545 \div 1 = \underline{545}$

g.  $0 \div 2,300 = \underline{0}$

h.  $a \div 1 = \underline{a}$

i.  $0 \div z = \underline{0}$

Complete each division sentence by writing the missing dividend, divisor, or quotient.

j.  $\underline{15} \div 1 = 15$

k.  $\underline{0} \div 32 = 0$

l.  $99 \div 1 = \underline{99}$

m.  $67 \div \underline{1} = 67$

n.  $0 \div 81 = \underline{0}$

o.  $\underline{5} \div 1 = 5$

p.  $0 \div x = \underline{0}$

q.  $y \div \underline{1} = y$

r.  $\underline{0} \div 9,999 = 0$