Name _____

Mixed Operations within Conditional Expressions Lesson

1) $p = t \times 7$

2) $24 \div d = m$

Find t when p is 63.

Find m when d is 3.

Explanation:

Step 1) Rewrite the equation with the known variables.
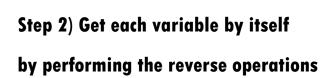
$p = t \times 7$ becomes

$63 = t \times 7$

$24 \div d = m$ becomes

$24 \div 3 = m$

$8 = m$ complete

operations

Step 2) Get each variable by itself

by performing the reverse operations

to both sides of the equation.

$63 = t \times 7$ divide both

$(\div 7)$ $(\div 7)$ sides by 7

$9 = t$