Name _____   Date _____

Solving Simple Equations with Decimals Step-by-Step Lesson

Solve for p.

$0.7p = 1.82$

Explanation:

To solve this problem we will need to get the variable (p) by itself.

Step 1) Identify the operations and values being applied to the variable (p).

$$\boxed{0.7p} = 1.82$$

p is being multiplied by 0.7.

Step 2) Apply the inverse operations and values to both sides of the equals sign.

The opposite of multiplication is **division**.

Since p is being multiplied by 0.7. We will divide both sides of the equal sign by 0.7.

$$\frac{0.7p \quad = \quad 1.82}{\div 0.7 \qquad \div 0.7}$$

$$p \ = \ 2.6$$