

Name _____

Date _____

Solving Simple Equations with Both Decimals and Fractions Step-by-Step Lesson

Solve for the variable k.

$$\frac{k}{6} = -2.6$$



Explanation:

To find k we will undo all the values and operations being applied to k.

Step 1) Identify the values and operations being applied to k.

$$\boxed{\frac{k}{6}} = -2.6$$

k is being divided by 6.

Step 2) Undo the operations and values being applied to k by performing the inverse operation on both sides of the equal symbol.

Since k is being divided by 6, the inverse operation would be to multiply by 6. This will be applied to both sides of the equal sign.

$$\frac{k}{6} = -2.6$$

$$\bullet 6 \quad \bullet 6$$

$$k = -15.6$$

