

Name

9/8/16 or

9/9/16

Alg I.

Solve One-Step Equations

I can solve one-step equations using algebra.

Example 4:

$$9) \frac{t}{3} = 9 \cdot -3$$

$$t = -27$$

$$10) 7 \cdot 6 = \frac{c}{7} \cdot 7$$

$$c = 42$$

Ch. 2 Quiz

$$11) \frac{z}{2} \cdot 13 = \frac{z}{2} \cdot -2$$

$$-26 = z$$

$$12) \frac{a}{5} \cdot 5 = -11 \cdot 5$$

$$a = -55$$

Example 5:

Reciprocal: Opposite Fractions

$$13) \frac{5}{5} \cdot \frac{w}{6} = 10 \cdot \frac{6}{5}$$

$$w = \frac{60}{5} = 12$$

$$14) \frac{p}{2} \cdot \frac{3}{3} = 14 \cdot \frac{3}{2}$$

$$p = \frac{42}{2} = 21$$

* Complete Skills Practice pg. 87, #

$$15) \frac{4}{3} \cdot 9 = \frac{-3}{1} m \cdot \frac{-4}{3}$$

$$-36 = m = -12$$

$$16) \frac{5}{4} \cdot -8 = \frac{-4}{3} v \cdot \frac{-5}{4}$$

$$\frac{40}{4} = v = 10$$

Example 6:

$$17) \frac{100}{10.1} = \frac{10.1 \times t}{10.1}$$

$$t = 9.9 \text{ seconds}$$