

Tuesday, October 11, 2011  
7:41 AM



3.2 Mult  
and dive...

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$$b = b$$

$$12 = 12 \checkmark$$

$$7) \frac{3}{5}x = 24 \left(\frac{5}{3}\right) \text{ck: } \frac{3}{5}x = 24$$

$$8) \left(\frac{7}{2}\right)(-6) = \frac{2}{7}m \left(\frac{7}{2}\right) \text{ck: } -6 = \frac{2}{7}m$$

$$x = 40$$

$$\frac{3}{5}(40) = 24$$

$$24 = 24$$

✓

$$-21 = m$$

$$-6 = \frac{2}{7}(-21)$$

$$-6 = -6$$

✓

$$\text{Extra Practice: } \left(\frac{8}{3}\right)\frac{3}{8}t = 6 \left(\frac{8}{3}\right) \text{ck: } \frac{3}{8}t = 6$$

$$t = 16$$

$$\frac{3}{8}(16) = 6$$

$$6 = 6$$

3.2 A

1) Multiply by 7      4) Divide by -6

$$14) \frac{4x = 12}{4 \quad 4}$$

$$x = 3$$

$$\text{ck: } 4x = 12$$

$$4(3) = 12$$

$$12 = 12$$

$$17) \frac{-3x = -18}{-3 \quad -3}$$

$$x = 6$$

$$\text{ck: } -3x = -18$$

$$-3(6) = -18$$

$$-18 = -18$$

✓

$$20) -6 = \frac{3}{4}x \text{ck: } -6 = \frac{3}{4}x$$

$$\left(\frac{4}{3}\right)(-6) = \left(\frac{4}{3}\right)\frac{3}{4}x$$

$$-6 = \frac{3}{4}(-8)$$

$$-8 = x$$

$$-6 = -6$$

✓

$$23) -\frac{1}{2}x = -6 \text{ck: } -\frac{1}{2}x = -6$$

$$\left(-\frac{2}{1}\right)\left(-\frac{1}{2}x\right) = -6\left(-\frac{2}{1}\right)$$

$$x = 12$$

$$-\frac{1}{2}(12) = -6$$

$$-6 = -6$$

✓

$$2y) \textcircled{3} \frac{x}{3} = \frac{1}{6} \textcircled{3} \quad \text{ck: } \frac{x}{3} = \frac{1}{6}$$

$$x = \frac{1}{2} \quad \text{ck: } \frac{1/2}{3} = \frac{1}{6}$$

$$\frac{1}{6} = \frac{1}{6}$$