

Name:
Date:
Block:

Math 7 Assignment Algebra #1

Solve the following, show all work/process that lead to final solution (the first one is done for you)

$$1) 3.35 W = 25.125$$

$$2) -24.18 = -4.65 X$$

$$\frac{\cancel{3.35} W}{\cancel{3.35}} = \frac{25.125}{3.35}$$

$$1 W = 7.5$$

$$W = 7.5$$

check

$$3.35(7.5) = 25.125$$

$$25.125 = 25.125 \checkmark_{\text{yes}}$$

$$3) -11.5 X = 94.3$$

$$4) -8.875 = 7.1 Z$$

(first one is done for you)

$$5) \frac{x}{2.2} = 6.3$$

$$6) -1.1 = \frac{x}{4.55}$$

$$\cancel{(2.2)} \frac{x}{\cancel{2.2}} = 6.3 \quad (2.2)$$

$$1x = 13.86$$

$$x = 13.86$$

check $\frac{13.86}{2.2} = 6.3$

$$6.3 = 6.3 \checkmark$$

yes

$$\Rightarrow -3.8 = \frac{W}{-7.8}$$

$$8) 5.5 = \frac{B}{-9.8}$$