

Name _____ Date _____

Proportions Review

Solve the proportion. Check your solution.

$$1) \frac{2}{3} = \frac{4}{x}$$

$$2) \frac{13}{6} = \frac{52}{z}$$

$$3) \frac{3}{y} = \frac{15}{35}$$

$$4) \frac{10}{45} = \frac{v}{27}$$

$$5) \frac{5m}{6} = \frac{10}{12}$$

$$6) \frac{3k}{27} = \frac{2}{3}$$

$$7) \frac{6}{t+4} = \frac{42}{77}$$


$$8) \frac{8}{12} = \frac{r}{r+1}$$

9) $\frac{n}{n-12} = \frac{9}{5}$

10) $\frac{18}{d+13} = \frac{6}{d-13}$

Describe AND correct the error in solving the proportion.

11)

$$\frac{4}{3} = \frac{16}{x}$$
$$4 \cdot 16 = 4 \cdot x$$
$$64 = 4x$$
$$16 = x$$


12)

$$\frac{18}{14} = \frac{b+2}{b}$$
$$18b = 14b + 2$$
$$4b = 2$$
$$b = 0.5$$
