Math 1 Name_____ ID: 1

Proportions 1

Date 2/12 Period____

Solve each proportion.

1) $\frac{9}{x} = \frac{4}{6}$

2) $\frac{9}{5} = \frac{b}{2}$

3) $\frac{7}{9} = \frac{v}{8}$

4) $\frac{6}{k} = \frac{3}{9}$

5) $\frac{4}{2} = \frac{8}{k}$

6) $\frac{8}{a} = \frac{10}{5}$

7) $\frac{6}{7} = \frac{k}{4}$

8) $\frac{4}{5} = \frac{7}{k}$

9) $\frac{4}{3} = \frac{x}{6}$

10) $\frac{10}{3} = \frac{7}{n}$

11) $\frac{2}{5} = \frac{k}{3}$

12) $\frac{4}{8} = \frac{10}{x}$

13) $\frac{8.2}{p} = \frac{2.4}{5.82}$

14) $\frac{a}{9} = \frac{5.3}{8.8}$

15) $\frac{3.8}{6.2} = \frac{n}{4.53}$

16) $\frac{4}{6.4} = \frac{9.6}{n}$

Write the proportion and then solve. Round your answer to the nearest whole number.

17) If you can buy 15 advocados for $20, then how many can you buy with $4?

18) The money used in Oman is called the Rial. The exchange rate is $9 for every 3 Rials. Find how many Rials you would receive if you exchanged $54.

19) Kristin took a trip to Egypt. Upon leaving she decided to convert all of her Pounds back into dollars. How many dollars did she receive if she exchanged 12 Pounds at a rate of $1 for every 6 Pounds?

20) If you can buy eight bunches of seedless black grapes for $20, then how many can you buy with $10?

21) 20 mangos cost $16. How many mangos can you buy for $4?

22) If you can buy eight packages of blackberries for $24, then how many can you buy with $12?

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