

Ratio, Proportion & Unitary Method

Topic: Proportion

Name: Date:

Are the following numbers in proportion? (Yes/No)

1. 8, 16, 6, 12

2. 6, 2, 4, 3

3. 150, 250, 200, 300

Solve for x (In fraction. Eg: $\frac{2}{3}$)4. $x:6 = 55:11$ 5. $18:x = 27:3$ 6. $7:14 = 15:x$ 7. $16:18 = x:96$

8. If 4, x, 9 are in continued proportion, find the value of x.

9. If in a proportion, the first, second and fourth terms are 32, 112 and 217 respectively, find the third term.

10. State whether $16:24 = 20:30$ is true or false.