

## Proportions Worksheet

$$\frac{\text{Proportions}}{D^2} = \frac{NB}{D}; \text{Proportions} = NBD.$$

Evaluate.

1.  $\frac{3}{4} = \frac{x}{45}$

6.  $\frac{13}{a} = \frac{39}{50}$

2.  $\frac{x}{9} = \frac{2}{3}$

Is each pair of proportions below equivalent?

7.  $\frac{4}{5}$  and  $\frac{20}{25}$

3.  $\frac{2}{x} = \frac{1}{12}$

8.  $\frac{2}{3}$  and  $\frac{32}{48}$

4.  $\frac{3}{2} = \frac{45}{a}$

9.  $\frac{9}{15}$  and  $\frac{30}{150}$

5.  $\frac{22}{2.4} = \frac{a}{6}$

10.  $\frac{120}{144}$  and  $\frac{8}{64}$

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