

Name : _____

Equivalent Ratio

Sheet 2

A) Check for equivalency.

- 1) Are 12 : 18 and 4 : 7 equivalent? Yes No
- 2) Are 11 : 22 and 1 : 2 equivalent? Yes No
- 3) Are 8 : 1 and 16 : 4 equivalent? Yes No
- 4) Are 3 : 5 and 6 : _____ equivalent? Yes No

B) Find the unknown.

1) $w : 24 = 7 : 6$

$w =$ _____

4) $8 : t = 4 : 3$

$t =$ _____

$d : 5 = 30 : 50$

$d =$ _____

$21 : 12 = b : 4$

$b =$ _____

PREVIEW

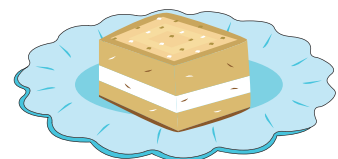
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C) Sugar and flour are mixed in the ratio 3:5 in a sweet recipe. In another recipe, 15 parts of flour are used. If these two ingredients in both recipes are in an equivalent ratio, how many parts of sugar should be used?



Name : _____

Answer Key

Sheet 2

Equivalent Ratio

A) Check for equivalency.

- 1) Are 12 : 18 and 4 : 7 equivalent? Yes No
- 2) Are 11 : 22 and 1 : 2 equivalent? Yes No
- 3) Are 8 : 1 and 16 : 4 equivalent? Yes No
- 4) Are 3 : 5 and 6 : _____ equivalent? Yes No

B) Find the unknown.

1) $w : 24 = 7 : 6$

$w = \underline{28}$

4) $8 : t = 4 : 3$

$t = \underline{6}$

$d : 5 = 30 : 50$

$d = \underline{3}$

$21 : 12 = b : 4$

$b = \underline{7}$

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C) Sugar and flour are mixed in the ratio 3:5 in a sweet recipe. In another recipe, 15 parts of flour are used. If these two ingredients in both recipes are in an equivalent ratio, how many parts of sugar should be used?

9 parts of sugar

