Name : _____ Score : _____

Equivalent Ratio

Sheet 2

A) Check for equivalency.

1) Are 12 : 18 and 4 : 7 equivalent? o Yes o No

2) Are 11 : 22 and 1 : 2 equivalent? o Yes o No

3) Are 8 : 1 and 16 : 4 equivalent? o Yes o No

4) Are 3 : 5 and 6 : o No

B) Find the unknov

1) w : 24 = 7 : 6

w = _____

d : 5 = 30 : 50

d = _____

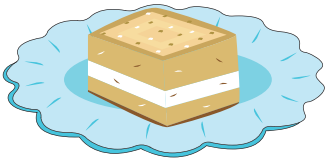
4) 8 : t = 4 : 3

t = _____

21 : 12 = b : 4

b = _____

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 : _____ Score : _____

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 : ○ No

B) Find the unknov

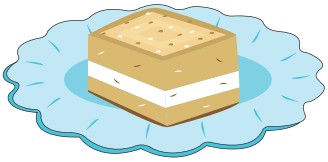
1) w : 24 = 7 : 6 — w = 28

d : 5 = 30 : 50 — d = 3

4) 8 : t = 4 : 3 — t = 6

21 : 12 = b : 4 — b = 7

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