

Name_____KEY_____ Date_____ Time_____

Ratios and Proportions (Goal 2) (Form C)

Solve the following proportions for the variables given.

1) $A/7 = 48/24$ A = 14	9) 8 is to 5 as 40 is to what? 25
2) $7/B = 3/12$ B = 28	10) What value is to 0.3 as 50 is to 5? 3
3) $6/18 = C/33$ C = 11	11) 4 is to 36 as what is to 45? 5
4) $30/10 = 24/D$ D = 8	12) 7 is to what as 15 is to 45? 21
5) $E/4.8 = 3.4/6.8$ E = 2.4	13) 2 : 22 as ____ : 88 8
6) $\frac{1}{4} / F = 4/16$ F = 1	14) 1.5 : 3 as 11 : ____ 22
7) $10/2.5 = G/9$ G = 36	15) ____ : 75 as 1 : 25 3
8) $\frac{3}{4} / 3 = 5/H$ H = 20	16) $\frac{1}{2}$: ____ as 7 : 14 1