

Name_____KEY_____ Date_____ Time_____

Ratios and Proportions (Goal 2) (Form D)

Solve the following proportions for the variables given.

1) $A/8 = 42/48$ A = 7	9) 6 is to 9 as 16 is to what? 24
2) $5/B = 11/66$ B = 30	10) What value is to 1.4 as 6 is to 60? 0.14
3) $3/8 = C/72$ C = 96	11) 17 is to 34 as what is to 44? 22
4) $12/5 = 36/D$ D = 15	12) 6 is to what as 13 is to 52? 24
5) $E/3.1 = 16/12.4$ E = 4	13) 4 : 16 as ____ : 88 22
6) $\frac{1}{2} / F = 3/72$ F = 12	14) 1.5 : 3.0 as 11 : ____ 22
7) $11/5.5 = G/2$ G = 4	15) ____ : 5 as 1 : 20 $\frac{1}{4}$
8) $\frac{3}{4} / 10 = 3/H$ H = 40	16) $\frac{1}{4}$: ____ as 7 : 56 2