

Name_____KEY_____ Date_____ Time_____

Ratios and Proportions (Goal 2) (Form E)

Solve the following proportions for the variables given.

1) $A/5 = 33/55$ A = 3	9) 11 is to 5 as 33 is to what? 15
2) $8/B = 32/40$ B = 10	10) What value is to 0.8 as 40 is to 4? 8
3) $9/18 = C/62$ C = 31	11) 12 is to 60 as what is to 50? 10
4) $40/24 = 25/D$ D = 15	12) 7 is to what as 9 is to 36? 28
5) $E/8.4 = 3.2/6.4$ E = 4.2	13) 4 : 44 as ____ : 121 11
6) $\frac{1}{4} / F = 8/32$ F = 1	14) 1.5 : 3.0 as 12 : ____ 24
7) $13/6.5 = G/12$ G = 24	15) ____ : 2 as 1 : 12 1/6
8) $\frac{3}{4} / 12 = 1/H$ H = 16	16) $\frac{1}{2}$: ____ as 9 : 72 4