Name: _____ Grade: _____ Date: _____

Instructions: Students solve the following problems on writing and simplifying ratios by showing your working in the larger Boxes and the final answer in the smaller boxes.

1. ***Writing Ratios*** – Complete the table to write the ratios in three different ways.

	WORDS	***COLON***	***FRACTION***
a)	**4 to 5**		
b)		12:18	
c)			$\frac{15}{7}$
d)		14:3	
e)	**seven to twenty**		

2. ***Simplest Form*** – Write the following ratios as fractions and reduce them to their simplest form.

a) 14:16

$$\frac{\cancel{14}^{\,7}}{\cancel{16}_{\,8}}$$

$$= \frac{7}{8}$$

b) 4:8

c) 2:12

d) 6:18

e) 24:18

f) 54:68

g) 65:110

h) 42:22

i) 80:15

j) 26:130

k) ½ : 7

l) 5 : ¼

LIVEWORKSHEETS