

5.2 B Proportions Practice

Name _____ Period _____

Find the missing value(s) in the ratio table. Then write the equivalent ratios.

1.

Apples	5		15
Oranges	6	12	

2.

Carrots	8	16	
Cucumbers	3		9

3.

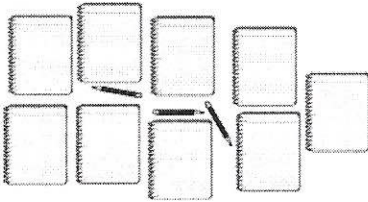
Cats	3		9
Dogs	2	4	

4.

Pens	3	6	
Pencils	4		12

Write 3 equivalent ratios that describe the collection (not 3 different ways to write the same ratio!)

5. Notebooks : pencils. _____



State whether the following statements are true or false:

7. 2:3 and 4:6 are equivalent ratios. _____
8. 7:1 and 2:5 are equivalent ratios. _____
9. 11:2 and 2:11 are equivalent ratios. _____
10. 3:1 and 9:3 are equivalent ratios. _____
11. 9:4 and 2:1 are equivalent ratios. _____

Solve each problem using equivalent ratios (Proportions):

12. The Lawn Order lawnmower factory can produce 12 lawnmowers in 8 hours. How many hours will it take the factory to produce 30 lawnmowers?

13. An object that weighs 10 lbs on Earth would weigh 4 lbs on Mars. If you weigh 95 lb on Earth, how much would you weigh on Mars?