

Ms. Wang
Homework - Ratio Review

Name _____
Date _____ Class _____

1. The ratio of boys to girls in the fifth grade is 3:5. There are 30 more girls than boys.
 - a) Draw a tape diagram that represents that ratio.
 - b) How many total students are in the fifth grade?
2. The ratio of small dogs to large dogs at the dog show is 2:3. There are 60 dogs in the show.
 - a) Draw a tape diagram that represents that ratio.
 - b) How many are large dogs?
 - c) How many are small dogs?
3. The ratio of boys to girls in a school ground is 4 to 5. There are a total of 16 boys on the ground.
 - a) How many boys and girls are there altogether?
 - b) What's the ratio of girls to all students?
4. You can run 24 miles in 3 hours. What is your average speed in miles per hour?
5. You buy 5 pounds for \$35. How much does one pound cost?

6. You run 25 feet every 5 seconds. Your friend runs 28 feet every 7 seconds. Are you and your friend running at the same pace? If not, who is faster? Explain.

7. Determine whether the ratios are equivalent.

1. _____ 5 : 4 and 25 : 16
2. _____ 15 : 5 and 30 : 25
3. _____ 21 : 8 and 6 : 5
4. _____ 12 : 9 and 9 : 3
5. _____ 5 : 10 and 15 : 30

8. Ratio Table

a)

x	4		16		40
y	6	12		54	

b)

x			20	40	16
y	10	1	5		

c)

3	9
15	
	36
	63