Foundations of Algebra Unit 2

Day 1 Practice

1. For the following part to part ratios, create two part to whole ratios:

a. 5:7 b. 3:2

2. Create a part to part and part to whole ratio with the following statement: *There are 15 male teachers in the school. There are 35 female teachers in the school.*

3. Using the following scenario, answer the following questions about Harrison’s boy’s sports:

*Of the 80 boys at Allatoona who play a spring sport, 35 run track, 20 play baseball, and 25 play lacrosse. Create a ratio for the following:*

a. track to baseball b. track to total c. baseball to track

4. Analyze each statement and determine if they represent a part to part or part to whole relationship:

a. Four out of every 9 students plays in the band.

b. There are 5 girls for every 4 boys in 9th grade.

5. Scale up or down to find the missing quantity:

a.  b.  c. 