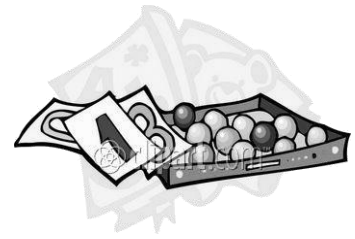Name_____

Date_____

Types of Ratios

Example: Gretchen checked out 3 mystery novels and 2 adventure novels from the library.
3:2 and 2:3 are part to part   3 to 5 and 2 to 5 are part to whole   5/3 and 5/2 are whole to part

Directions: 1) Write each statement as a ratio. 2) Circle the type of ratio for each statement.

Answer the following:

1) 5 out of 10 students know Spanish. Write as a ratio. _____
What type of ratio is this? whole to part   part to part   part to whole

2) It rained 6 out of the last 10 days in April. Write as a ratio. _____
What type of ratio is this? whole to part   part to part   part to whole

3) Out of 15 runners, 13 finished the race. Write as a ratio. _____
What type of ratio is this? whole to part   part to part   part to whole

4) We planted 8 sunflowers and 10 hollyhocks. Write as a ratio. _____
What type of ratio is this? whole to part   part to part   part to whole

5) Wheels on a bicycle to wheels on a tricycle. Write as a ratio. _____
What type of ratio is this? whole to part   part to part   part to whole

6) There is one backpack for every two students. Write as a ratio. _____
What type of ratio is this? whole to part   part to part   part to whole

7) Luke scored 3 of the 7 goals in the soccer game. Write as a ratio. _____
What type of ratio is this? whole to part   part to part   part to whole

8) Out of 4 bedroom walls Cynthia painted 3 pink. Write as a ratio. _____
What type of ratio is this? whole to part   part to part   part to whole

9) Mika collected 3 ladybugs, 4 caterpillars, and 5 pill bugs. Write a ratio of ladybugs to total bugs. _____
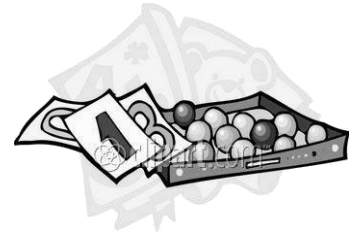What type of ratio is this? whole to part   part to part   part to whole

10) Dominic has 2 skateboards, 1 dirt bike, and 3 race bikes.   Write as a ratio of dirt bikes to race bikes. _____
What type of ratio is this? whole to part   part to part   part to whole

Types of Ratios

Example: Gretchen checked out 3 mystery novels and 2 adventure novels from the library.
3:2 and 2:3 are part to part   3 to 5 and 2 to 5 are part to whole   5/3 and 5/2 are whole to part

Directions: 1) Write each statement as a ratio. 2) Circle the type of ratio for each statement.

Answer the following:

1) 5 out of 10 students know Spanish. Write as a ratio.   5:10, 5to 10, 5/10 or 1:2, 1 to 2...
What type of ratio is this? whole to part   part to part   (part to whole)

2) It rained 6 out of the last 10 days in April. Write as a ratio.   6:10, 6 to 10, 6/10 or 3:5...
What type of ratio is this? whole to part   part to part   (part to whole) (this could also be
part to part if looking at days in April)

3) Out of 15 runners, 13 finished the race. Write as a ratio.   15:13, 15 to 13, 15/13
What type of ratio is this? (whole to part)   part to part   part to whole

4) We planted 8 sunflowers and 10 hollyhocks. Write as a ratio.   8:10, 8 to 10, 8/10 or 4:5
What type of ratio is this? whole to part   (part to part)   part to whole

5) Wheels on a bicycle to wheels on a tricycle. Write as a ratio.   2:3, 2 to 3, 2/3
What type of ratio is this? whole to part   (part to part)   part to whole

6) There is one backpack for every two students. Write as a ratio.   1:2, 1 to 2, 1//2
What type of ratio is this? whole to part   (part to part)   part to whole

7) Luke scored 3 of the 7 goals in the soccer game. Write as a ratio.   3:7, 3 to 7, 3/7
What type of ratio is this? whole to part   part to part   (part to whole)

8) Out of 4 bedroom walls Cynthia painted 3 pink. Write as a ratio.   4:3, 4 to 3, 4/3
What type of ratio is this? (whole to part)   part to part   part to whole

9) Mika collected 3 ladybugs, 4 caterpillars, and 5 pill bugs. Write a ratio of ladybugs to total
bugs.   3:12, 3 to 12, 3/12 or 1:4...
What type of ratio is this? whole to part   part to part   (part to whole)

10) Dominic has 2 skateboards, 1 dirt bike, and 3 race bikes.   Write a ratio of dirt bikes to race
bikes.   1:3, 1 to 3, 1/3
What type of ratio is this? whole to part   (part to part)   part to whole