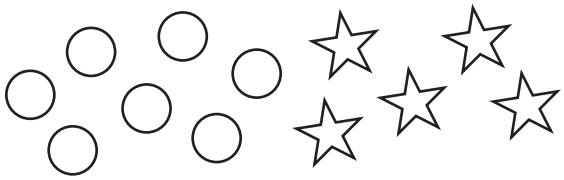
math Antics
Exercises

Name:

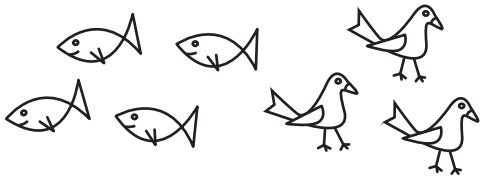
Date:

Ratios & Rates

1 What is the ratio of circles to stars? Use the ratio symbol (:) in your answer.



2 What is the ratio of birds to fish? Use the ratio symbol (:) in your answer.



3 If there are 7 girls and 8 boys on the school's track team, what is the ratio of girls to boys? Write your answer in three different ways.

4 If a sports field is 100 meters long and 40 meters wide, what is the ratio of its width to its length? Write your answer in three different ways.

5 If a car travels 120 miles in 2 hours, what is its rate of speed expressed as a **unit rate**?

6 If a plane travels 900 km in 3 hours, what is its rate of speed expressed as a **unit rate**?

7 Tim has a job that pays $50 for 5 hours of work. Jane has a job that pays $24 for 2 hours of work. Who has the higher rate of pay? *(Hint: convert to unit rates)*

8 Jon can do 64 push-ups in 4 minutes. Paul can do 45 push-ups in 3 minutes. Whose rate is faster? *(Hint: convert to unit rates)*

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