

**Section 2.2: Equivalent Ratios**

- Write an equivalent ratio for each ratio.
  - 4:5
  - 18:12
  - 7:2
  - 50:10
  - 15:3
  - 4:9
- Three out of every 5 students watch hockey.  
How many students watch hockey in a class of 30?
- Name the pairs of equivalent ratios:  
10:18, 3:6, 2:7, 9:18, 2:5, 5:9, 20:50, 8:28  
How do you know they are equivalent?
- A basketball player scored 8 points in the first quarter of the game.  
Suppose she continues to score at this rate.  
How many points will she score in the game?
- Rewrite each sentence as a ratio statement in simplest form.
  - On the bus, there are 14 girls and 12 boys.
  - In the garden, there are 12 rose bushes and 4 lilac bushes.
  - On the bookshelf, there are 7 mystery books and 21 science-fiction books.
- How many equivalent ratios are there for 3:4 in which the sum of all the digits is less than 10?  
Write the ratios you find.