






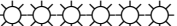






**Master 2.14**

**Extra Practice 1**

**Section 2.1: What Is a Ratio?**

1. A baseball team has 3 outfielders, 4 infielders, and a battery (the pitcher and the catcher). Write each ratio.
  - a) outfielders to infielders
  - b) infielders to the battery
  - c) the battery to the entire team
2. Write each ratio.
  - a) a tricycle's wheels to a bicycle's wheels
  - b) a tricycle's wheels to a car's wheels
  - c) a tricycle's wheels to a bicycle's and a car's wheels
3. There are 5 cows and 2 chickens in a farmer's field.
  - a) What is the ratio of tails to legs?
  - b) What is the ratio of wings to tails?
4.
  - a) Draw two different diagrams to show the ratio 2:3.
  - b) Draw a diagram to show the ratio 5:3.

5. a) Which rows below show the same ratio?

<b>A</b>		
<b>B</b>		
<b>C</b>		
<b>D</b>		
<b>E</b>		
<b>F</b>		

- b) Use the ratios above.
- i) Use the ratios in row A.  
If there are 16 clubs, how many hearts are there?
  - ii) Use the ratios in row B.  
If there are 24 diamonds, how many spades are there?
  - iii) Use the ratios in row C.  
If there are 72 squares, how many suns are there?
  - iv) Use the ratios in row D.  
If there are 28 spades, how many hearts are there?
  - v) Use the ratios in row E.  
If there are 48 diamonds, how many arrows are there?
  - vi) Use the ratios in row F.  
If there are 30 squares, how many arrows are there?