Mid–Chapter Review

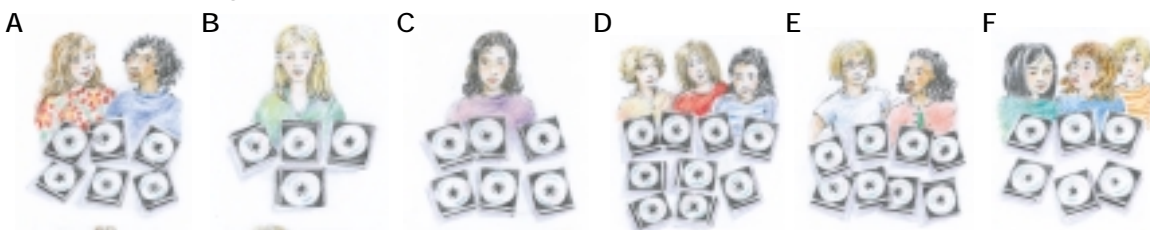**LESSON**

1

1. Order each set of numbers from least to greatest. Show your work on a number line.

   a) $2\frac{1}{4}, \frac{5}{4}, \frac{3}{4}$ b) $\frac{2}{5}, \frac{8}{5}, 1\frac{4}{5}$

2

2. Compare. Write $>$, $<$, or $=$. Show your work.

   a) $\frac{5}{8}$ ■ $\frac{5}{12}$ b) $\frac{11}{4}$ ■ $\frac{5}{3}$ c) $1\frac{1}{4}$ ■ $\frac{8}{5}$

3

3. Write each fraction as a decimal equivalent.

   a) $\frac{1}{5}$ b) $2\frac{1}{2}$ c) $\frac{5}{4}$

4. Write each decimal as an equivalent fraction.

   a) 0.2   b) 0.06   c) 0.55

4

5. In a recipe for trail mix, the ratio of nuts to dried fruits is 6 : 5.

   a) If Kylie uses 6 cups of nuts in the recipe, how much trail mix will she have altogether?
   b) Explain what ratio 5 : 11 might represent about the trail mix.
   c) Write four other ratios describing the mix of nuts and dried fruit.

5

6. Which ratios of girls to CDs are equivalent?

   A   B   C   D   E   F

7. Luis made pie filling with blueberry and sugar in a 4 to 1 ratio.

   a) Model the ratio using counters. Sketch your model.
   b) If Luis made 5 cups of pie filling altogether, how much of each ingredient did he use?
   c) Haley adds 2 extra cups of blueberries and 1 extra cup of sugar to Luis's pie filling. What can Luis do to correct the ratio of fruit to sugar?

8. Millet is a grain. You can cook millet with 3 cups of water to 1 cup of grain. How many cups of water do you need for 7 cups of grain?