

NAME

DATE

TIME

Lesson 5-14

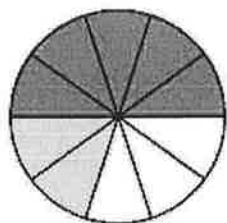


## Unit 5 Self Assessment

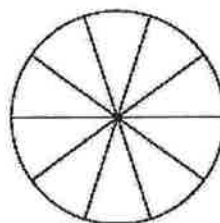
1

Example:

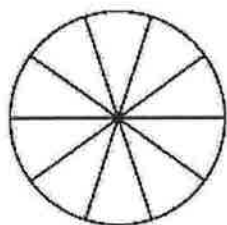
Equation:  $\frac{5}{10} + \frac{2}{10} = \frac{7}{10}$



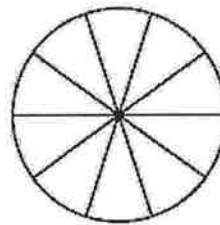
a. Equation:



b. Equation:



c. Equation:



2

$$\begin{array}{r} \frac{2}{10} \\ + \frac{5}{10} \\ \hline \end{array}$$

Decompose  $\frac{7}{10}$  into a sum of fractions with the same denominator in three different ways. Record each decomposition with an equation and justify each one by shading the parts of the circle.

3

$$\begin{array}{r} 2\frac{3}{6} \\ + 2\frac{3}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 4 \frac{45}{100} \\ - 2 \frac{90}{100} \\ \hline \end{array}$$

5

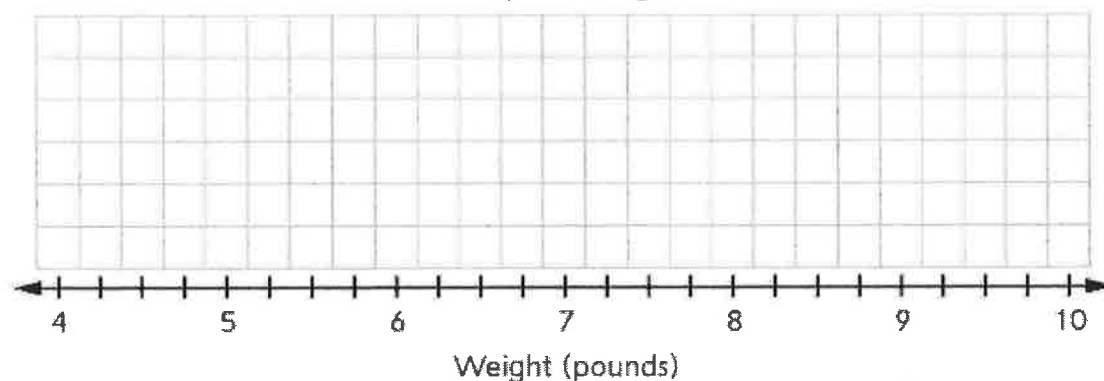
A fourth-grade class at Hillside Elementary School used a spring scale to weigh their full backpacks and recorded the weights to the nearest  $\frac{1}{4}$  pound.

SRB  
162-163  
214-216

Backpack Weights (to the nearest $\frac{1}{4}$ pound)												
4	$6\frac{1}{2}$	$7\frac{1}{2}$	$4\frac{1}{2}$	$7\frac{1}{4}$	$5\frac{1}{4}$	$9\frac{1}{4}$	$6\frac{1}{2}$	$8\frac{3}{4}$	$9\frac{1}{2}$	$5\frac{3}{4}$	7	$7\frac{3}{4}$
$5\frac{3}{4}$	7	$7\frac{1}{4}$	$8\frac{1}{4}$	$6\frac{1}{4}$	$7\frac{3}{4}$	$9\frac{1}{4}$	$7\frac{1}{4}$	$4\frac{3}{4}$	$5\frac{1}{4}$	$5\frac{1}{4}$	$9\frac{3}{4}$	$7\frac{1}{4}$

Plot the data set on the line plot.

Backpack Weights



6

Describe each angle by the amount of rotation. Use the words *full-turn*, *three-quarter-turn*, *half-turn*, and *quarter-turn*.



Amount of rotation: \_\_\_\_\_



Amount of rotation: \_\_\_\_\_

7

Draw the other half of each symmetric shape below.

