



Name _____ Date _____



Skills Maintenance
Inequalities on the Number Line

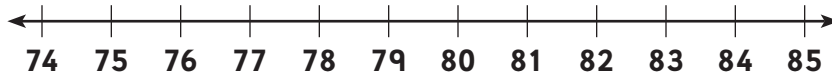
Activity 1

Draw each of the inequalities on the number line.

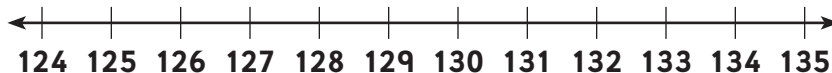
1. $99 \geq x$



2. $y > 80$



3. $z < 133$



Simplifying Fractions

Activity 2

Simplify the fractions and proportions.

1. $\frac{5}{10}$ _____

2. $\frac{3}{6}$ _____

3. $\frac{6}{8}$ _____

4. $\frac{360 \text{ miles}}{6 \text{ hours}}$ _____

5. $\frac{12}{18}$ _____

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Problem-Solving Activity

Simplifying Rates

Circle the proportions that need to be simplified. Then simplify the proportion and write the new proportion on the blank lines below the table.

1	2	3	4	5
$\frac{8}{12} = \frac{4}{x}$	$\frac{6}{8} = \frac{12}{y}$	$\frac{7}{14} = \frac{x}{16}$	$\frac{10}{12} = \frac{15}{y}$	$\frac{9}{10} = \frac{x}{20}$

1. _____ 2. _____ 3. _____
 4. _____ 5. _____

Simplify the rates and solve the problems.

- Kelly bought 6 headbands for \$9. She wants to buy 4 more. How much will it cost to buy 4 headbands?
Simplify _____ Answer _____
- Larry bought 8 bags of doggy treats for his pets and it cost him \$20. He wants to buy 6 more bags of doggy treats. How much does it cost for 6 bags?
Simplify _____ Answer _____
- The day after Thanksgiving, the largest department store in town had a sale on clothing. You could buy 8 pairs of socks for \$12. Jenine wanted to 10 pairs of socks. How much will she pay for 10 pairs?
Simplify _____ Answer _____
- Huey works for a company that ships products around the world. He loads boxes on a truck. He can stack 12 large boxes on the truck in 15 minutes using a forklift. How many boxes can he stack on the truck in 20 minutes?
Simplify _____ Answer _____



Reinforce Understanding

Use the mBook *Study Guide* to review lesson concepts.