Name _____ Date _____

Shade the fraction bar to show the fraction of items sold. Group the unit fractions to form an equivalent fraction in simplest form. Show your work numerically.

1. The manager of Fantasy Flowers made 8 bouquets of wild flowers. By noon, she sold 2 of the bouquets. What fraction did she sell?

$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

Group size: _____ Fraction of bouquets sold: $\frac{2 \div}{8 \div} =$ _____

2. A car dealer had 12 red cars on his lot at the beginning of the month. The first week he sold 8 of them. What fraction did he sell that week?

$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$

Group size: _____ Fraction of red cars sold: $\frac{8 \div}{12 \div} =$ _____

3. A music store received 10 copies of a new CD. They sold 6 of them in the first hour. What fraction did the store sell in the first hour?

$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$

Group size: _____ Fraction of CDs sold: $\frac{6 \div}{10 \div} =$ _____

Simplify each fraction.

4. $\frac{8 \div}{10 \div} =$ _____

5. $\frac{6 \div}{12 \div} =$ _____

6. $\frac{25 \div}{100 \div} =$ _____

7. $\frac{4 \div}{8 \div} =$ _____

7-5 Name _____ Date _____

Remembering

Tell whether 4 is a factor of each number. Write *yes* or *no*.

1. 12 _____ **2.** 20 _____ **3.** 10 _____ **4.** 26 _____

Tell whether each number is a multiple of 3. Write *yes* or *no*.

5. 15 _____ **6.** 32 _____ **7.** 27 _____ **8.** 25 _____

Name the fraction for each sum of unit fractions.

9. $\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}=$ _____

10. $\frac{1}{12}+\frac{1}{12}+\frac{1}{12}+\frac{1}{12}+\frac{1}{12}+\frac{1}{12}=$ _____

11. $\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}=$ _____

Complete.

12. $\frac{3}{5}=\frac{3\times\square}{5\times\square}=\frac{21}{\square}$ **13.** $\frac{2}{9}=\frac{2\times\square}{9\times\square}=\frac{\square}{36}$ **14.** $\frac{5}{6}=\frac{5\times\square}{6\times\square}=\frac{15}{\square}$

15. Stretch Your Thinking Explain two different ways to simplify $\frac{6}{12}$.

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