

Lesson 7

Problem Set

- Answer provided
 - $\frac{1}{2} = \frac{1 \times 3}{2 \times 3} = \frac{3}{6}$
 - $\frac{1}{2} = \frac{1 \times 4}{2 \times 4} = \frac{4}{8}$
 - $\frac{1}{2} = \frac{1 \times 5}{2 \times 5} = \frac{5}{10}$
- Answers will vary.
 - Answers will vary.
 - Answers will vary.
 - Answers will vary.
 - The size of the fractional units decreased.
 - The number of total units increased.
- Area model represents $\frac{1}{3}$ and is decomposed into sixths; $\frac{1}{3} = \frac{1 \times 2}{3 \times 2} = \frac{2}{6}$
 - Area model represents $\frac{1}{3}$ and is decomposed into ninths; $\frac{1}{3} = \frac{1 \times 3}{3 \times 3} = \frac{3}{9}$
 - Area model represents $\frac{1}{3}$ and is decomposed into twelfths; $\frac{1}{3} = \frac{1 \times 4}{3 \times 4} = \frac{4}{12}$

Exit Ticket

- Area model represents $\frac{1}{4}$ and is decomposed into eighths; $\frac{1}{4} = \frac{1 \times 2}{4 \times 2} = \frac{2}{8}$
- Area model represents $\frac{1}{4}$ and is decomposed into twelfths; $\frac{1}{4} = \frac{1 \times 3}{4 \times 3} = \frac{3}{12}$

Homework

- Answer provided
 - $\frac{1}{2} = \frac{1 \times 4}{2 \times 4} = \frac{4}{8}$
 - $\frac{1}{2} = \frac{1 \times 6}{2 \times 6} = \frac{6}{12}$
 - $\frac{1}{2} = \frac{1 \times 7}{2 \times 7} = \frac{7}{14}$
- Answers will vary.
 - Answers will vary.
 - Answers will vary.
 - Answers will vary.
- Area model shows $\frac{1}{4}$ and is decomposed into eighths; $\frac{1}{4} = \frac{1 \times 2}{4 \times 2} = \frac{2}{8}$
 - Area model shows $\frac{1}{4}$ and is decomposed into twelfths; $\frac{1}{4} = \frac{1 \times 3}{4 \times 3} = \frac{3}{12}$
 - Area model shows $\frac{1}{4}$ and is decomposed into sixteenths; $\frac{1}{4} = \frac{1 \times 4}{4 \times 4} = \frac{4}{16}$