

Lesson 10

Problem Set

- Answer provided
 - Area model shows composed fractions; $\frac{9}{12} = \frac{9 \div 3}{12 \div 3} = \frac{3}{4}$
 - Area model shows composed fractions; $\frac{6}{10} = \frac{6 \div 2}{10 \div 2} = \frac{3}{5}$
 - Area model shows composed fractions; $\frac{6}{8} = \frac{6 \div 2}{8 \div 2} = \frac{3}{4}$
- Area model shows composed fractions; $\frac{4}{6} = \frac{4 \div 2}{6 \div 2} = \frac{2}{3}$
 - Area model shows composed fractions; $\frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$ or $\frac{8}{12} = \frac{8 \div 2}{12 \div 2} = \frac{4}{6}$
- Area model shows $\frac{4}{10}$ composed as $\frac{2}{5}$
 - Area model shows $\frac{6}{9}$ composed as $\frac{2}{3}$
- Answers will vary.
 - Answers will vary.
 - Answers will vary.
 - Answers will vary.

Exit Ticket

Area model proves $\frac{4}{10} = \frac{2}{5}$; $\frac{4}{10} = \frac{4 \div 2}{10 \div 2} = \frac{2}{5}$

Homework

1.
 - a. Answer provided
 - b. Area model shows composed fractions; $\frac{4}{10} = \frac{4 \div 2}{10 \div 2} = \frac{2}{5}$
 - c. Area model shows composed fractions; $\frac{6}{9} = \frac{6 \div 3}{9 \div 3} = \frac{2}{3}$
 - d. Area model shows composed fractions; $\frac{9}{15} = \frac{9 \div 3}{15 \div 3} = \frac{3}{5}$
2.
 - a. Area model shows composed fractions; $\frac{6}{8} = \frac{6 \div 2}{8 \div 2} = \frac{3}{4}$
 - b. Area model shows composed fractions; $\frac{12}{16} = \frac{12 \div 4}{16 \div 4} = \frac{3}{4}$ or $\frac{12}{16} = \frac{12 \div 2}{16 \div 2} = \frac{6}{8}$
3.
 - a. Area model shows $\frac{6}{15}$ composed as $\frac{2}{5}$
 - b. Area model shows $\frac{6}{18}$ composed as $\frac{2}{6}$
4.
 - a. Answers will vary.
 - b. Answers will vary.
 - c. Answers will vary.
 - d. Answers will vary.