

Lesson 8

Problem Set

- Answer provided
 - $\frac{3}{4} = \frac{3 \times 3}{4 \times 3} = \frac{9}{12}$
 - $\frac{4}{5} = \frac{4 \times 2}{5 \times 2} = \frac{8}{10}$
 - $\frac{5}{6} = \frac{5 \times 2}{6 \times 2} = \frac{10}{12}$
- Area model shows $\frac{3}{5} = \frac{3 \times 2}{5 \times 2} = \frac{6}{10}$
 - Area model shows $\frac{3}{5} = \frac{3 \times 3}{5 \times 3} = \frac{9}{15}$
- Area model proves $\frac{2}{5} = \frac{4}{10}$
 - Area model proves $\frac{2}{3} = \frac{8}{12}$
 - Area model proves $\frac{3}{6} = \frac{6}{12}$
 - Area model proves $\frac{4}{6} = \frac{8}{12}$
- Answers will vary.
 - Answers will vary.
 - Answers will vary.
 - Answers will vary.
- False; answers will vary.
 - True
 - False; answers will vary.
 - True

Exit Ticket

- Answers will vary.
- False; answers will vary.

Homework

- Answer provided
 - $\frac{3}{4} = \frac{3 \times 2}{4 \times 2} = \frac{6}{8}$
 - $\frac{4}{5} = \frac{4 \times 3}{5 \times 3} = \frac{12}{15}$
 - $\frac{7}{8} = \frac{7 \times 2}{8 \times 2} = \frac{14}{16}$
- Area model shows $\frac{3}{6} = \frac{3 \times 2}{6 \times 2} = \frac{6}{12}$
 - Area model shows $\frac{2}{4} = \frac{2 \times 3}{4 \times 3} = \frac{6}{12}$
- Area model proves $\frac{1}{3} = \frac{2}{6}$
 - Area model proves $\frac{2}{5} = \frac{4}{10}$
 - Area model proves $\frac{5}{7} = \frac{10}{14}$
 - Area model proves $\frac{3}{6} = \frac{9}{18}$
- Answers will vary.
 - Answers will vary.
 - Answers will vary.
 - Answers will vary.
- False; answers will vary.
 - True
 - False; answers will vary.
 - True