Homework

Activity 1

Find the missing number in each of the proportions.

1. $\frac{x}{3} = \frac{4}{12}$

2. $\frac{3}{6} = \frac{15}{y}$

3. $\frac{2}{w} = \frac{8}{12}$

4. $\frac{4}{5} = \frac{z}{20}$

Activity 2

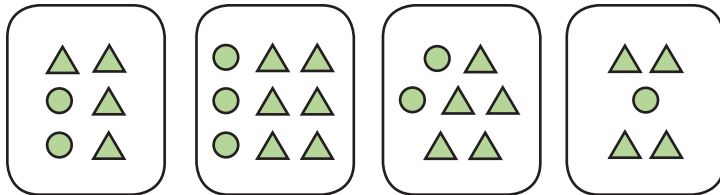**Reduce each of the ratios.**

1. The ratio of girls to boys is 12 to 14.

2. The ratio of oil to gas is 2 to 8.

3. The ratio of pancake mix to milk is 3 to 6.

4. The ratio of stars to diamonds is 18 to 24.

5. The ratio of hearts to circles is 20 to 30.
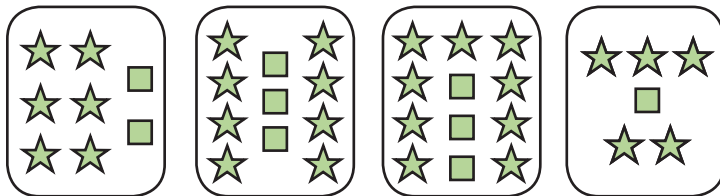
Homework

Activity 3

Tell which two pattern cards in each group are proportional. You will need to reduce the ratios to find them.
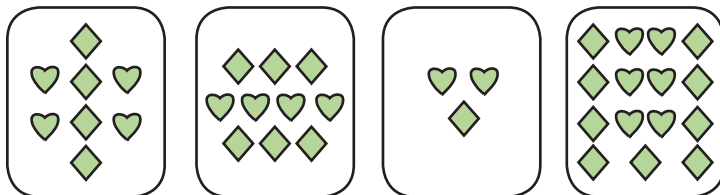
1. Which two cards are proportional?

Card 1 Card 2 Card 3 Card 4

2. Which two cards are proportional?

Card 1 Card 2 Card 3 Card 4

3. Which two cards are proportional?

Card 1 Card 2 Card 3 Card 4

Activity 4 • Distributed Practice

Solve.

1. $\frac{3}{9} + \frac{4}{16}$

2. $\frac{11}{12} - \frac{2}{4}$

3. $\frac{7}{8} \cdot \frac{1}{3}$

4. $27.1 - 18.9$

5. $3.4 \cdot 5$

6. $\frac{3}{4} \div 4$

7. $16.8 \div 4$

8. $439.89 + 226.23$