Homework

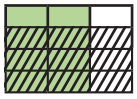
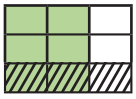
Activity 1

Add and subtract.

1. $\frac{1}{5} + \frac{2}{5}$
2. $\frac{7}{8} - \frac{5}{8}$
3. $\frac{1}{2} + \frac{1}{4}$
4. $\frac{7}{8} - \frac{1}{2}$
5. $\frac{2}{4} + \frac{1}{3}$
6. $\frac{5}{6} - \frac{1}{9}$

Activity 2

Select the problem that matches the area model.

1. 
   (a) $\frac{2}{3} \cdot \frac{2}{3} = \frac{4}{9}$
   (b) $\frac{1}{2} \cdot \frac{2}{3} = \frac{2}{6}$
   (c) $\frac{1}{3} \cdot \frac{1}{2} = \frac{1}{6}$
2. 
   (a) $\frac{3}{4} \cdot \frac{2}{3} = \frac{6}{12}$
   (b) $\frac{1}{4} \cdot \frac{3}{4} = \frac{3}{16}$
   (c) $\frac{1}{3} \cdot \frac{1}{4} = \frac{1}{12}$
3. 
   (a) $\frac{2}{3} \cdot \frac{1}{3} = \frac{2}{9}$
   (b) $\frac{1}{3} \cdot \frac{3}{4} = \frac{3}{12}$
   (c) $\frac{1}{3} \cdot \frac{1}{2} = \frac{1}{6}$

Activity 3

For each of the data sets, tell the mean and the median.

1. 2, 3, 4, 3, 5, 3, 2, 4, 1
2. 20, 10, 30, 20
3. 300, 200, 100
4. 15, 13, 17, 12, 23, 18, 17, 13

Activity 4 • Distributed Practice

Solve.

1. Write the multiples of 6 starting at 6 and ending at 60.
2. Write the multiples of 8 starting at 8 and ending at 80.
3. What is the LCD for $\frac{1}{5}$ and $\frac{1}{6}$? Use the lists of multiples below to help you.

5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60

4. 500 ÷ 100
5. 558 + 552
6. 65 • 3
7. 712 − 383