

## Chapter 6 Get Ready Answers

### Question 1

- a) The factors for 6 are 1, 2, 3, and 6.
- b) The factors for 10 are 1, 2, 5, and 10.
- c) The factors for 24 are 1, 2, 3, 4, 6, 8, 12, and 24.

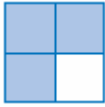


### Question 2

Answers may vary. Possible answers are 9, 12, 15, 18, and 24.

### Question 3

The numbers that have 2 as a factor are 100, 456, and 294. They have 2 as a factor because they are even numbers.

### Question 4

- a)   $\frac{3}{4}$
- b)   $\frac{5}{6}$
- c)   $\frac{1}{2}$

### Question 5

Answers may vary.

- a)  $\frac{1}{4}$    b)  $\frac{1}{3}$
- c)  $\frac{2}{5}$    d)  $\frac{5}{12}$

## Chapter 6 Get Ready Answers (continued)

### Question 6

Answers may vary.

a)  $\frac{4}{12} = \frac{1}{3}$



b)  $\frac{2}{8} = \frac{1}{4}$



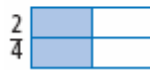
c)  $\frac{2}{5} = \frac{4}{10}$



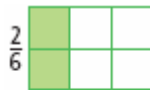
### Question 7

Answers may vary.

a)  $\frac{1}{2} = \frac{2}{4}$



b)  $\frac{2}{6} = \frac{1}{3}$



c)  $\frac{1}{5} = \frac{2}{10}$



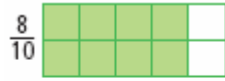
$\frac{1}{5}$        $\frac{2}{10}$

d)  $\frac{3}{4} = \frac{9}{12}$

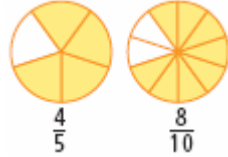


**Chapter 6 Get Ready Answers (continued)**

e)  $\frac{8}{10} = \frac{4}{5}$

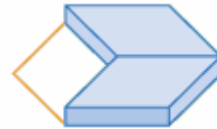


f)  $\frac{4}{5} = \frac{8}{10}$



**Question 8**

a) The fraction  $\frac{2}{3}$  is closer to  $\frac{1}{2}$  than to 0 or 1.



$$0 = \frac{0}{6}$$

$$\frac{1}{2} = \frac{3}{6}$$

$$\frac{2}{3} = \frac{4}{6}$$

$$1 = \frac{6}{6}$$

b) The fraction  $\frac{1}{6}$  is closer to 0 than it is to  $\frac{1}{2}$  or 1.



$$0 = \frac{0}{6}$$

$$\frac{1}{6} = \frac{1}{6}$$

$$\frac{1}{2} = \frac{3}{6}$$

$$1 = \frac{6}{6}$$

## Chapter 6 Get Ready Answers (continued)

c) The fraction  $\frac{7}{8}$  is closer to 1 than it is to  $\frac{1}{2}$  or 0.



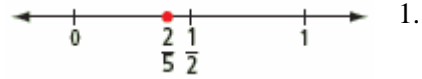
$$0 = \frac{0}{8}$$

$$\frac{1}{2} = \frac{4}{8}$$

$$\frac{7}{8} = \frac{7}{8}$$

$$1 = \frac{8}{8}$$

d) The fraction  $\frac{2}{5}$  is closer to  $\frac{1}{2}$  than it is to 0 or



$$0 = \frac{0}{10}$$

$$\frac{2}{5} = \frac{4}{10}$$

$$\frac{1}{2} = \frac{5}{10}$$

$$1 = \frac{10}{10}$$

### Question 9

Answers may vary.

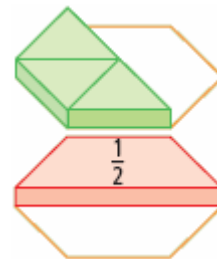


a) Ross is not correct.  $\frac{5}{8}$  is closer to  $\frac{1}{2}$ .

$\frac{1}{2}$  equals  $\frac{4}{8}$ , whereas 1 equals  $\frac{8}{8}$ .

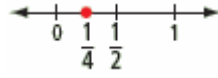
b) Dana is correct.

$$\frac{3}{6} = \frac{1}{2}$$



### Chapter 6 Get Ready Answers (continued)

c) Another possible estimate is  $\frac{1}{2}$ .



$\frac{1}{4}$  is halfway between 0 and  $\frac{1}{2}$ .