

Name: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Chapter 7 Review Packet

Write two equivalent fractions.

1.  $\frac{1}{5}$

2.  $\frac{1}{8}$

3.  $\frac{2}{3}$

4.  $\frac{4}{10}$

Compare. Write  $>$ ,  $<$ , or  $=$ .

5.  $\frac{3}{4}$  \_\_\_\_\_  $\frac{3}{3}$

6.  $\frac{11}{12}$  \_\_\_\_\_  $\frac{7}{12}$

7.  $\frac{1}{5}$  \_\_\_\_\_  $\frac{3}{15}$

8.  $\frac{3}{5}$  \_\_\_\_\_  $\frac{5}{16}$

Write the set of fractions in order from smallest to largest.

9.  $\frac{1}{3}, \frac{1}{14}, \frac{1}{2}, \frac{1}{7}, \frac{1}{8}$

Write the set of fractions in order from smallest to largest.

10.  $\frac{7}{13}, \frac{9}{13}, \frac{5}{13}, \frac{2}{13}, \frac{8}{13}$

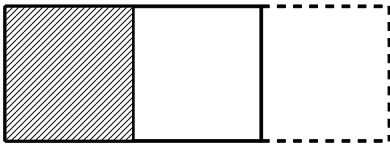
11. Look at the figure below.



- a. What fraction of the given rectangle are 2 squares? 1 rectangle?
- b. What fraction of the rectangle do 2 squares and 1 rectangle cover?

12. One square is  $\frac{1}{2}$  of the whole. Write the name of the pattern block that is

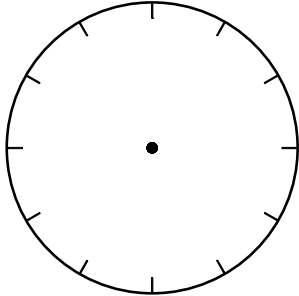
- a. 1 whole
- b.  $1\frac{1}{2}$  whole



13. Sara had 5 quarters. She spent  $\frac{2}{5}$  of them on video games.

- a. How many quarters did she spend?
- b. How much money does she have left?

14. a. Divide the spinner so that a paper clip will land on R about  $\frac{1}{3}$  of the time and on B about  $\frac{1}{2}$  of the time. The remaining part of the spinner represents Y.



- b. About what fraction of the time do you think the clip will land on Y?  
 c. Spin a paper clip 30 times on the spinner. Record the results in the table below.

| Color | Number of Times Clip Landed There | Fraction of Times Clip Landed There |
|-------|-----------------------------------|-------------------------------------|
| R     |                                   |                                     |
| B     |                                   |                                     |
| Y     |                                   |                                     |

- d. Were the results what you expected? Explain.

15. Queen Blossom wants to divide her kingdom so that her oldest daughter gets  $\frac{1}{5}$  of it, and her two younger children each get  $\frac{1}{3}$ .

- a. Can she do it?  
 b. Explain your answer. Use your pattern blocks to help you answer the question.  
 c. Can you think of a better way to divide the kingdom? Explain.