

Name \_\_\_\_\_

Level 1

## Fraction Assessment

The purpose of this test is to find out what you know about fractions. You will be shown 3 problems at the overhead. **Estimate** the answer by recording in each box the **whole number** the answer is closest to.

(1)

(2)

(3)

Transparency Items

(1)

$$\frac{7}{8} + \frac{12}{13} =$$

(2)

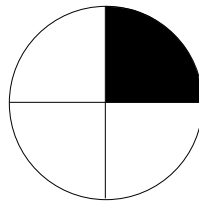
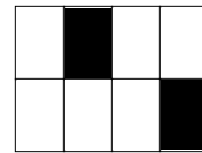
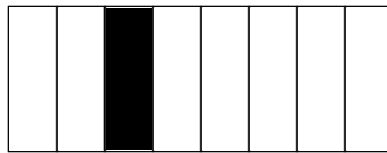
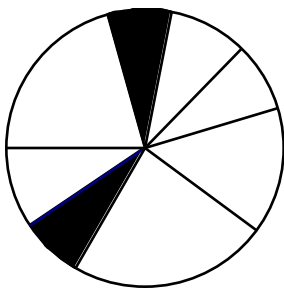
$$\frac{3}{8} + \frac{5}{12} =$$

(3)

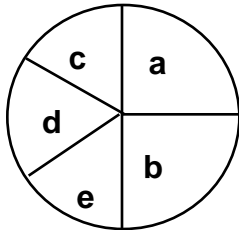
$$\frac{8}{9} - \frac{7}{8} =$$

Continue to work on the rest of the test on your own.  
 Show all the work you do to solve each problem.

(4 a, b) Look at each picture carefully. Circle the **two** pictures that show  $\frac{2}{8}$  shaded in. You may need to draw in lines to determine if  $\frac{2}{8}$  are shaded.



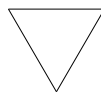
(5) What fraction of the circle is part c? \_\_\_\_\_



(6) If shape A is the unit, what fraction name can you give to 2 triangles? \_\_\_\_\_



Shape A



\_\_\_\_\_

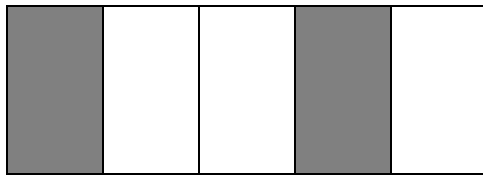
(7) Write the fraction name for the shaded part: \_\_\_\_\_



(8) What fraction is shaded? a) \_\_\_\_\_

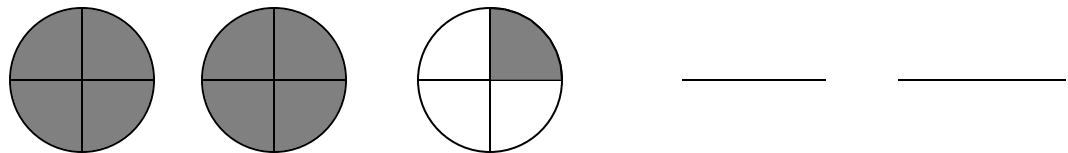
Draw lines on the picture to show 15 equal parts.

What fraction is shaded now? (b) \_\_\_\_\_

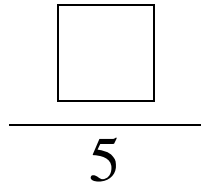
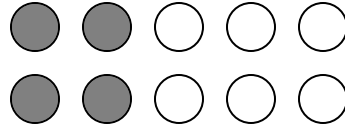


(9) Using pictures of circles for chips or tiles, draw a picture to show the fraction  $\frac{1}{6}$  using 12 circles.

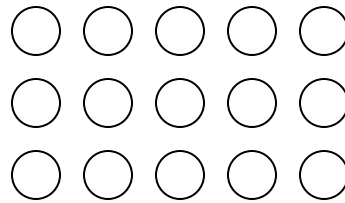
(10). The whole circle is the unit. Write 2 fraction names for the picture for the amount shaded.




(11) How many fifths are shaded?



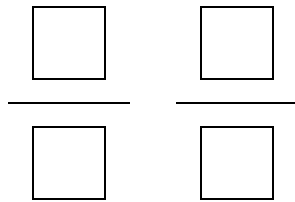
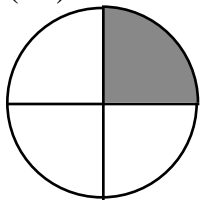
(12) Circle  $\frac{2}{3}$  of the set:



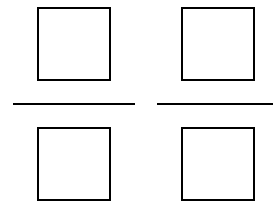
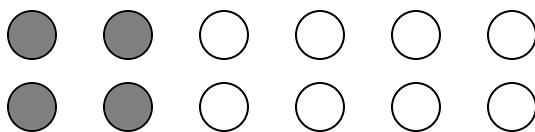
(13)  is 3-fourths of some length. Draw the whole length below. Explain why it is the whole.

For problems 14 –16 give two names for the shaded amount:

(14)



(15)



(16)

For problems 17 - 21 circle the larger fraction. If equal, circle both fractions. Explain your reasoning for each one.

(17)  $\frac{3}{4}$     $\frac{2}{3}$

(18)  $\frac{1}{2}$     $\frac{5}{8}$

(19)  $\frac{3}{12}$     $\frac{7}{12}$

(20)  $\frac{4}{9}$     $\frac{4}{11}$

(21)  $\frac{4}{6}$     $\frac{5}{14}$

You may use your fraction circles on the last five problems. Draw a picture to show what you did with the circles.

(22) Liana ate  $\frac{3}{8}$  of a small pizza. The next day she ate  $\frac{1}{4}$  of a small pizza.  
How much pizza did she eat altogether?

(23) Ann and Josie receive the same allowance. Josie spent 4-ninths of her allowance on CD's. Ann spent 1-third of her allowance repairing her bicycle. Josie spent how much more of her allowance than Ann?

(24)

$$\frac{5}{6}$$
$$+ \frac{2}{6}$$

.

(25)

$$\frac{1}{2}$$
$$- \frac{3}{8}$$

.

(26)

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

---