Name _____ Date _____

Equivalent Fractions: Same Size, Different Number of Parts

Directions: Equivalent fractions name the same amount of the same whole. The numerator is the top number of a fraction, and the denominator is the bottom number.

1. A sheet cake is cut into 3 equal strips. Exactly 1 strip is frosted over its entire top, and the other 2 strips have no frosting. Then every strip is cut in half, which makes 6 equal pieces. How many of the 6 pieces have frosting?

   _____ pieces

2. What number makes these two fractions equivalent?

   3/4 = ?/12

   _____

3. Which fraction is equivalent to 3/5?

   A. 4/6 B. 6/5 C. 6/10 D. 3/10

4. Multiply the numerator and the denominator of 1/2 by 4. Type the two numbers of the new fraction.

   1/2 = _____/_____

5. The fraction 10/12 can be written with 6 as the denominator. Divide both of its numbers by 2. What is the new numerator?

   _____

6. Two sheets of paper are the same size. Sheet A is folded into 4 equal parts, and 1 part is colored. Sheet B is folded into 8 equal parts, and 2 parts are colored. Which sheet has more of its area colored?

   A. Sheet A has more colored.
   B. Sheet B has more colored.
   C. They have the same amount colored.

7. Two of the 5 equal parts of a paper strip are shaded. A line is then drawn through the middle of every part, so the strip shows 4/10 shaded. What is true about the strip now?

   A. It has more parts, each part is smaller, and the shaded amount is the same.
   B. The parts are the same size as before, and the shaded amount is the same.
   C. Each part is smaller, so less of the strip is shaded.
   D. It has more parts, so more of the strip is shaded.

8. A recipe calls for 2/3 cup of rice. The only scoop Tariq has holds 1/6 cup. He has already put in 1 scoop. How many more scoops does he need?

   _____ scoops