

**Practice 3 - 1: Equivalent Fractions**

Name \_\_\_\_\_

Build the fraction to make an equivalent fraction.

1.  $\frac{1}{2} \cdot \text{---} = \frac{\quad}{10}$

2.  $\frac{3}{4} \cdot \text{---} = \frac{\quad}{12}$

3.  $\frac{2}{5} \cdot \text{---} = \frac{\quad}{20}$

4.  $\frac{5}{6} \cdot \text{---} = \frac{\quad}{48}$

5.  $\frac{4}{9} \cdot \text{---} = \frac{\quad}{27}$

6.  $\frac{1}{3} \cdot \text{---} = \frac{\quad}{15}$

7.  $\frac{6}{7} \cdot \text{---} = \frac{\quad}{42}$

8.  $\frac{2}{3} \cdot \text{---} = \frac{\quad}{21}$

9.  $\frac{5}{12} \cdot \text{---} = \frac{\quad}{36}$

10.  $\frac{8}{3} \cdot \text{---} = \frac{\quad}{9}$

11.  $\frac{7}{4} \cdot \text{---} = \frac{\quad}{24}$

12.  $\frac{3}{2} \cdot \text{---} = \frac{\quad}{18}$

Build the fractions so that they have a common denominator. Order them from least to greatest.

13.  $\frac{1}{2}, \frac{3}{4}, \frac{2}{5}, \frac{7}{10}$  \_\_\_\_\_ common denominator = 20

14.  $\frac{4}{9}, \frac{3}{5}, \frac{2}{15}, \frac{1}{3}$  \_\_\_\_\_ common denominator = 45

Practice 3 - 1: Equivalent Fractions

Name Key

Build the fraction to make an equivalent fraction.

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

2.  $\frac{3}{4} \cdot \frac{3}{3} = \frac{9}{12}$

3.  $\frac{2}{5} \cdot \frac{4}{4} = \frac{8}{20}$

4.  $\frac{5}{6} \cdot \frac{8}{8} = \frac{40}{48}$

5.  $\frac{4}{9} \cdot \frac{3}{3} = \frac{12}{27}$

6.  $\frac{1}{3} \cdot \frac{5}{5} = \frac{5}{15}$

7.  $\frac{6}{7} \cdot \frac{6}{6} = \frac{36}{42}$

8.  $\frac{2}{3} \cdot \frac{7}{7} = \frac{14}{21}$

9.  $\frac{5}{12} \cdot \frac{3}{3} = \frac{15}{36}$

10.  $\frac{8}{3} \cdot \frac{3}{3} = \frac{24}{9}$

11.  $\frac{7}{4} \cdot \frac{6}{6} = \frac{42}{24}$

12.  $\frac{3}{2} \cdot \frac{9}{9} = \frac{27}{18}$

Build the fractions so that they have a common denominator. Order them from least to greatest.

13.  $\frac{1}{2}, \frac{3}{4}, \frac{2}{5}, \frac{7}{10}$      $\frac{2}{5}, \frac{1}{2}, \frac{7}{10}, \frac{3}{4}$     common denominator = 20

$\frac{1}{2} = \frac{10}{20}$

$\frac{3}{4} = \frac{15}{20}$

$\frac{2}{5} = \frac{8}{20}$

$\frac{7}{10} = \frac{14}{20}$

14.  $\frac{4}{9}, \frac{3}{5}, \frac{2}{15}, \frac{1}{3}$      $\frac{2}{15}, \frac{1}{3}, \frac{4}{9}, \frac{3}{5}$     common denominator = 45

$\frac{4}{9} = \frac{20}{45}$

$\frac{3}{5} = \frac{27}{45}$

$\frac{2}{15} = \frac{6}{45}$

$\frac{1}{3} = \frac{15}{45}$