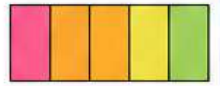




EQUIVALENT FRACTIONS



WORKSHEET



Name : _____

Date : _____

Equivalent fractions are fractions that name the same value or represent the same part of a whole. They may have different numerators and denominators, but they are equal.

A. Fill in the missing numerator or denominator.

- | | |
|-------------------------------------|--------------------------------------|
| 1. $\frac{1}{2} = \frac{\quad}{4}$ | 7. $\frac{3}{8} = \frac{\quad}{16}$ |
| 2. $\frac{3}{5} = \frac{6}{\quad}$ | 8. $\frac{7}{10} = \frac{\quad}{20}$ |
| 3. $\frac{2}{3} = \frac{\quad}{9}$ | 9. $\frac{9}{11} = \frac{\quad}{22}$ |
| 4. $\frac{4}{7} = \frac{8}{\quad}$ | 10. $\frac{4}{9} = \frac{\quad}{27}$ |
| 5. $\frac{5}{6} = \frac{\quad}{12}$ | 11. $\frac{5}{8} = \frac{15}{\quad}$ |
| 6. $\frac{2}{5} = \frac{4}{\quad}$ | 12. $\frac{6}{7} = \frac{12}{\quad}$ |

B. Write two equivalent fractions for each.

- $\frac{1}{2} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$
- $\frac{1}{3} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$
- $\frac{2}{5} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$
- $\frac{3}{4} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$
- $\frac{2}{7} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$
- $\frac{3}{8} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$
- $\frac{4}{6} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$
- $\frac{2}{9} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$

C. Circle all the fractions that are equivalent to the given fraction.

- $\frac{1}{2} \rightarrow \frac{2}{4} \quad \frac{3}{6} \quad \frac{4}{8} \quad \frac{2}{3} \quad \frac{5}{10}$
- $\frac{2}{3} \rightarrow \frac{4}{6} \quad \frac{6}{9} \quad \frac{3}{5} \quad \frac{8}{12} \quad \frac{10}{15}$
- $\frac{3}{5} \rightarrow \frac{6}{10} \quad \frac{9}{15} \quad \frac{2}{4} \quad \frac{12}{20} \quad \frac{7}{11}$
- $\frac{4}{7} \rightarrow \frac{8}{14} \quad \frac{12}{21} \quad \frac{6}{9} \quad \frac{16}{28} \quad \frac{3}{5}$
- $\frac{5}{6} \rightarrow \frac{10}{12} \quad \frac{15}{18} \quad \frac{7}{9} \quad \frac{20}{24} \quad \frac{11}{13}$
- $\frac{3}{4} \rightarrow \frac{6}{8} \quad \frac{9}{12} \quad \frac{2}{3} \quad \frac{12}{16} \quad \frac{5}{7}$


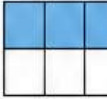



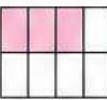


D. True or False.

- | | |
|---------------------------------------|---|
| 1. $\frac{2}{4} = \frac{1}{2}$ _____ | 6. $\frac{7}{14} = \frac{1}{2}$ _____ |
| 2. $\frac{3}{6} = \frac{1}{3}$ _____ | 7. $\frac{2}{5} = \frac{4}{10}$ _____ |
| 3. $\frac{4}{8} = \frac{1}{2}$ _____ | 8. $\frac{9}{12} = \frac{3}{4}$ _____ |
| 4. $\frac{5}{10} = \frac{1}{2}$ _____ | 9. $\frac{8}{16} = \frac{1}{4}$ _____ |
| 5. $\frac{6}{9} = \frac{2}{3}$ _____ | 10. $\frac{10}{15} = \frac{2}{3}$ _____ |

E. Find three equivalent fractions for each.

- | | |
|--|---|
| 1. $\frac{1}{2} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ | 6. $\frac{4}{5} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ |
| 2. $\frac{1}{3} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ | 7. $\frac{3}{7} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ |
| 3. $\frac{2}{3} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ | 8. $\frac{2}{9} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ |
| 4. $\frac{3}{5} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ | 9. $\frac{3}{8} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ |
| 5. $\frac{2}{5} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ | 10. $\frac{5}{9} = \underline{\quad\quad\quad}, \underline{\quad\quad\quad}, \underline{\quad\quad\quad}$ |

F. Look at the shaded parts and write an equivalent fraction.

- | | | | |
|---|--|---|--|
| 1.  $\frac{1}{2} = \underline{\quad\quad}$ | 2.  $\frac{3}{6} = \underline{\quad\quad}$ | 3.  $\frac{4}{8} = \underline{\quad\quad}$ | 4.  $\frac{5}{10} = \underline{\quad\quad}$ |
| 5.  $\frac{1}{3} = \underline{\quad\quad}$ | 6.  $\frac{4}{12} = \underline{\quad\quad}$ | 7.  $\frac{2}{6} = \underline{\quad\quad}$ | 8.  $\frac{6}{15} = \underline{\quad\quad}$ |



Remember: Different look, same value!

