

Fraction divided by a fraction

Divide. Write the answer in simplest form. Use a mixed number when it is greater than 1.

$$1. \frac{1}{2} \div \frac{2}{3} = \underline{\frac{3}{4}}$$

$$2. \frac{3}{4} \div \frac{1}{6} = \underline{4 \frac{1}{2}}$$

$$3. \frac{1}{2} \div \frac{9}{10} = \underline{\frac{5}{9}}$$

$$4. \frac{7}{8} \div \frac{1}{6} = \underline{5 \frac{1}{4}}$$

$$5. \frac{1}{2} \div \frac{7}{12} = \underline{\frac{6}{7}}$$

$$6. \frac{9}{10} \div \frac{1}{4} = \underline{3 \frac{3}{5}}$$

$$7. \frac{2}{5} \div \frac{1}{2} = \underline{\frac{4}{5}}$$

$$8. \frac{3}{8} \div \frac{3}{4} = \underline{\frac{1}{2}}$$

$$9. \frac{3}{4} \div \frac{7}{10} = \underline{1 \frac{1}{14}}$$

$$10. \frac{5}{8} \div \frac{5}{12} = \underline{1 \frac{1}{2}}$$

$$11. \frac{9}{10} \div \frac{4}{5} = \underline{1 \frac{1}{8}}$$

$$12. \frac{5}{6} \div \frac{7}{8} = \underline{\frac{20}{21}}$$

$$13. \frac{7}{12} \div \frac{11}{12} = \underline{\frac{7}{11}}$$

$$14. \frac{3}{5} \div \frac{3}{4} = \underline{\frac{4}{5}}$$

$$15. \frac{7}{12} \div \frac{5}{6} = \underline{\frac{7}{10}}$$

$$16. \frac{1}{6} \div \frac{7}{12} = \underline{\frac{2}{7}}$$

$$17. \frac{2}{3} \div \frac{1}{2} = \underline{1 \frac{1}{3}}$$

$$18. \frac{1}{3} \div \frac{1}{2} = \underline{\frac{2}{3}}$$

A whole number divided by a fraction

Divide. Write the answer in simplest form. Use a mixed number when it is greater than 1.

1. $4 \div \frac{1}{3} =$ **12**

2. $5 \div \frac{2}{5} =$ **$12 \frac{1}{2}$**

3. $1 \div \frac{1}{10} =$ **10**

4. $1 \div \frac{5}{8} =$ **$1 \frac{3}{5}$**

5. $3 \div \frac{1}{5} =$ **15**

6. $2 \div \frac{1}{3} =$ **6**

7. $1 \div \frac{1}{2} =$ **2**

8. $6 \div \frac{1}{6} =$ **36**

9. $3 \div \frac{1}{4} =$ **12**

10. $7 \div \frac{1}{2} =$ **14**

11. $3 \div \frac{1}{2} =$ **6**

12. $6 \div \frac{2}{3} =$ **9**

13. $6 \div \frac{1}{12} =$ **72**

14. $5 \div \frac{1}{12} =$ **60**

15. $5 \div \frac{3}{10} =$ **$16 \frac{2}{3}$**

16. $8 \div \frac{1}{5} =$ **40**

17. $6 \div \frac{1}{3} =$ **18**

18. $8 \div \frac{3}{4} =$ **$10 \frac{2}{3}$**

Mixed numbers

Divide. Write the answer in simplest form. Use a mixed number when it is greater than 1.

$$1. \frac{3}{8} \div 3 \frac{3}{4} = \underline{\frac{1}{10}}$$

$$2. 2 \frac{1}{5} \div 3 \frac{1}{8} = \underline{\frac{88}{125}}$$

$$3. 2 \frac{1}{3} \div \frac{2}{3} = \underline{3 \frac{1}{2}}$$

$$4. 2 \frac{1}{3} \div 1 \frac{2}{3} = \underline{1 \frac{2}{5}}$$

$$5. \frac{1}{3} \div 3 \frac{5}{6} = \underline{\frac{2}{23}}$$

$$6. 1 \frac{3}{5} \div 4 \frac{1}{3} = \underline{\frac{24}{65}}$$

$$7. \frac{1}{4} \div 2 \frac{1}{6} = \underline{\frac{3}{26}}$$

$$8. 2 \frac{1}{2} \div \frac{1}{5} = \underline{12 \frac{1}{2}}$$

$$9. 4 \frac{1}{2} \div \frac{5}{6} = \underline{5 \frac{2}{5}}$$

$$10. 4 \frac{3}{8} \div \frac{1}{10} = \underline{43 \frac{3}{4}}$$

$$11. 4 \frac{1}{6} \div 1 \frac{1}{6} = \underline{3 \frac{4}{7}}$$

$$12. 1 \frac{3}{5} \div 3 \frac{1}{6} = \underline{\frac{48}{95}}$$

$$13. \frac{5}{8} \div 1 \frac{1}{2} = \underline{\frac{5}{12}}$$

$$14. 1 \frac{1}{4} \div \frac{1}{12} = \underline{15}$$

$$15. \frac{11}{12} \div 1 \frac{1}{3} = \underline{\frac{11}{16}}$$

$$16. \frac{1}{2} \div 2 \frac{1}{4} = \underline{\frac{2}{9}}$$

$$17. \frac{1}{5} \div 4 \frac{5}{6} = \underline{\frac{6}{145}}$$

$$18. 3 \frac{2}{5} \div 3 \frac{1}{5} = \underline{1 \frac{1}{16}}$$

Mixed practice

Divide. Write the answer in simplest form. Use a mixed number when it is greater than 1.

1. $\frac{1}{3} \div \frac{7}{8} = \underline{\frac{8}{21}}$

2. $\frac{1}{3} \div \frac{1}{12} = \underline{4}$

3. $3\frac{3}{5} \div 3\frac{2}{5} = \underline{1\frac{1}{17}}$

4. $8 \div \frac{11}{12} = \underline{8\frac{8}{11}}$

5. $5 \div \frac{3}{10} = \underline{16\frac{2}{3}}$

6. $\frac{7}{12} \div \frac{1}{10} = \underline{5\frac{5}{6}}$

7. $1\frac{1}{6} \div 2\frac{1}{4} = \underline{\frac{14}{27}}$

8. $2 \div \frac{1}{3} = \underline{6}$

9. $\frac{5}{6} \div \frac{3}{5} = \underline{1\frac{7}{18}}$

10. $3 \div \frac{1}{6} = \underline{18}$

11. $\frac{1}{10} \div \frac{3}{8} = \underline{\frac{4}{15}}$

12. $2\frac{1}{4} \div 4\frac{2}{5} = \underline{\frac{45}{88}}$

13. $3 \div \frac{11}{12} = \underline{3\frac{3}{11}}$

14. $2\frac{5}{6} \div \frac{1}{10} = \underline{28\frac{1}{3}}$

15. $5 \div \frac{7}{10} = \underline{7\frac{1}{7}}$

16. $3\frac{4}{5} \div 1\frac{5}{6} = \underline{2\frac{4}{55}}$

17. $4\frac{1}{6} \div \frac{1}{10} = \underline{41\frac{2}{3}}$

18. $8 \div \frac{5}{12} = \underline{19\frac{1}{5}}$