

Fraction divided by a fraction

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

1. $\frac{2}{5} \div \frac{7}{8} = \underline{\frac{16}{35}}$

2. $\frac{1}{3} \div \frac{7}{12} = \underline{\frac{4}{7}}$

3. $\frac{2}{5} \div \frac{11}{12} = \underline{\frac{24}{55}}$

4. $\frac{3}{10} \div \frac{2}{5} = \underline{\frac{3}{4}}$

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

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

7. $\frac{11}{12} \div \frac{9}{10} = \underline{1 \frac{1}{54}}$

8. $\frac{5}{12} \div \frac{1}{8} = \underline{3 \frac{1}{3}}$

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

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

11. $\frac{7}{10} \div \frac{3}{10} = \underline{2 \frac{1}{3}}$

12. $\frac{1}{8} \div \frac{1}{6} = \underline{\frac{3}{4}}$

13. $\frac{1}{8} \div \frac{3}{5} = \underline{\frac{5}{24}}$

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

15. $\frac{1}{12} \div \frac{1}{8} = \underline{\frac{2}{3}}$

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

17. $\frac{9}{10} \div \frac{1}{3} = \underline{2 \frac{7}{10}}$

18. $\frac{1}{2} \div \frac{5}{8} = \underline{\frac{4}{5}}$

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. $9 \div \frac{1}{5} =$ **45**

2. $5 \div \frac{1}{2} =$ **10**

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

4. $7 \div \frac{5}{6} =$ **$8 \frac{2}{5}$**

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

6. $6 \div \frac{3}{8} =$ **16**

7. $7 \div \frac{9}{10} =$ **$7 \frac{7}{9}$**

8. $9 \div \frac{1}{10} =$ **90**

9. $9 \div \frac{5}{6} =$ **$10 \frac{4}{5}$**

10. $4 \div \frac{5}{6} =$ **$4 \frac{4}{5}$**

11. $5 \div \frac{5}{6} =$ **6**

12. $1 \div \frac{7}{10} =$ **$1 \frac{3}{7}$**

13. $1 \div \frac{3}{10} =$ **$3 \frac{1}{3}$**

14. $1 \div \frac{7}{8} =$ **$1 \frac{1}{7}$**

15. $6 \div \frac{5}{8} =$ **$9 \frac{3}{5}$**

16. $8 \div \frac{1}{2} =$ **16**

17. $1 \div \frac{5}{8} =$ **$1 \frac{3}{5}$**

18. $8 \div \frac{5}{6} =$ **$9 \frac{3}{5}$**

Mixed numbers

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

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

2. $\frac{1}{10} \div 3 \frac{1}{2} = \frac{1}{35}$

3. $2 \frac{2}{3} \div 4 \frac{1}{4} = \frac{32}{51}$

4. $1 \frac{1}{8} \div 3 \frac{5}{6} = \frac{27}{92}$

5. $2 \frac{2}{3} \div 2 \frac{1}{2} = 1 \frac{1}{15}$

6. $2 \frac{3}{5} \div 2 \frac{1}{2} = 1 \frac{1}{25}$

7. $\frac{3}{4} \div 3 \frac{1}{4} = \frac{3}{13}$

8. $3 \frac{2}{3} \div 4 \frac{5}{6} = \frac{22}{29}$

9. $\frac{7}{10} \div 1 \frac{4}{5} = \frac{7}{18}$

10. $\frac{1}{4} \div 4 \frac{1}{2} = \frac{1}{18}$

11. $1 \frac{3}{8} \div 3 \frac{7}{8} = \frac{11}{31}$

12. $1 \frac{1}{4} \div 1 \frac{5}{6} = \frac{15}{22}$

13. $2 \frac{1}{2} \div \frac{1}{10} = 25$

14. $2 \frac{1}{5} \div \frac{1}{6} = 13 \frac{1}{5}$

15. $1 \frac{1}{2} \div 3 \frac{1}{6} = \frac{9}{19}$

16. $1 \frac{3}{4} \div \frac{3}{8} = 4 \frac{2}{3}$

17. $2 \frac{1}{2} \div \frac{3}{5} = 4 \frac{1}{6}$

18. $4 \frac{1}{2} \div \frac{1}{2} = 9$

Mixed practice

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

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

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

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

4. $\frac{2}{3} \div \frac{3}{8} = 1 \frac{7}{9}$

5. $2 \div \frac{7}{8} = 2 \frac{2}{7}$

6. $\frac{5}{6} \div 3 \frac{1}{4} = \frac{10}{39}$

7. $2 \div \frac{1}{4} = 8$

8. $2 \frac{1}{5} \div 4 \frac{1}{2} = \frac{22}{45}$

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

10. $8 \div \frac{7}{8} = 9 \frac{1}{7}$

11. $\frac{1}{12} \div 3 \frac{1}{3} = \frac{1}{40}$

12. $2 \frac{1}{2} \div 1 \frac{2}{5} = 1 \frac{11}{14}$

13. $6 \div \frac{1}{6} = 36$

14. $2 \div \frac{1}{10} = 20$

15. $\frac{1}{3} \div 2 \frac{2}{5} = \frac{5}{36}$

16. $1 \div \frac{1}{3} = 3$

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

18. $\frac{7}{12} \div \frac{1}{6} = 3 \frac{1}{2}$