

Fraction divided by a fraction

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

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

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

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

4. $\frac{9}{10} \div \frac{1}{2} = 1 \frac{4}{5}$

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

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

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

8. $\frac{4}{5} \div \frac{5}{12} = 1 \frac{23}{25}$

9. $\frac{3}{8} \div \frac{4}{5} = \frac{15}{32}$

10. $\frac{1}{6} \div \frac{1}{10} = 1 \frac{2}{3}$

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

12. $\frac{3}{10} \div \frac{5}{6} = \frac{9}{25}$

13. $\frac{11}{12} \div \frac{1}{2} = 1 \frac{5}{6}$

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

15. $\frac{5}{8} \div \frac{2}{3} = \frac{15}{16}$

16. $\frac{1}{3} \div \frac{7}{10} = \frac{10}{21}$

17. $\frac{1}{12} \div \frac{1}{12} = 1$

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

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

2. $4 \div \frac{4}{5} =$ 5

3. $9 \div \frac{5}{8} =$ $14 \frac{2}{5}$

4. $8 \div \frac{1}{6} =$ 48

5. $7 \div \frac{1}{4} =$ 28

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

7. $6 \div \frac{4}{5} =$ $7 \frac{1}{2}$

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

9. $6 \div \frac{1}{2} =$ 12

10. $8 \div \frac{1}{2} =$ 16

11. $3 \div \frac{1}{4} =$ 12

12. $9 \div \frac{1}{6} =$ 54

13. $2 \div \frac{1}{3} =$ 6

14. $4 \div \frac{1}{6} =$ 24

15. $3 \div \frac{5}{8} =$ $4 \frac{4}{5}$

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

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

18. $5 \div \frac{7}{12} =$ $8 \frac{4}{7}$

Mixed numbers

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

1. $\frac{1}{12} \div 4 \frac{1}{2} = \underline{\frac{1}{54}}$

2. $\frac{3}{10} \div 3 \frac{1}{4} = \underline{\frac{6}{65}}$

3. $4 \frac{1}{6} \div 1 \frac{1}{2} = \underline{2 \frac{7}{9}}$

4. $\frac{1}{4} \div 4 \frac{3}{8} = \underline{\frac{2}{35}}$

5. $2 \frac{5}{6} \div 2 \frac{7}{8} = \underline{\frac{68}{69}}$

6. $4 \frac{1}{8} \div 4 \frac{5}{8} = \underline{\frac{33}{37}}$

7. $2 \frac{5}{8} \div \frac{1}{5} = \underline{13 \frac{1}{8}}$

8. $\frac{1}{3} \div 2 \frac{3}{4} = \underline{\frac{4}{33}}$

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

10. $1 \frac{2}{5} \div 3 \frac{2}{5} = \underline{\frac{7}{17}}$

11. $2 \frac{2}{3} \div \frac{1}{12} = \underline{32}$

12. $4 \frac{3}{5} \div 4 \frac{1}{2} = \underline{1 \frac{1}{45}}$

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

14. $\frac{3}{10} \div 4 \frac{1}{4} = \underline{\frac{6}{85}}$

15. $2 \frac{3}{4} \div 1 \frac{1}{2} = \underline{1 \frac{5}{6}}$

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

17. $3 \frac{5}{6} \div 1 \frac{3}{4} = \underline{2 \frac{4}{21}}$

18. $\frac{4}{5} \div 3 \frac{1}{3} = \underline{\frac{6}{25}}$

Mixed practice

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

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

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

3. $3 \frac{1}{3} \div 1 \frac{3}{4} = \underline{1 \frac{19}{21}}$

4. $5 \div \frac{1}{3} = \underline{15}$

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

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

7. $\frac{3}{10} \div \frac{2}{3} = \underline{\frac{9}{20}}$

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

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

10. $\frac{1}{8} \div 1 \frac{2}{3} = \underline{\frac{3}{40}}$

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

12. $6 \div \frac{1}{10} = \underline{60}$

13. $\frac{7}{8} \div \frac{2}{3} = \underline{1 \frac{5}{16}}$

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

15. $2 \frac{1}{4} \div \frac{1}{8} = \underline{18}$

16. $2 \div \frac{1}{12} = \underline{24}$

17. $2 \frac{5}{8} \div 1 \frac{3}{5} = \underline{1 \frac{41}{64}}$

18. $3 \div \frac{5}{8} = \underline{4 \frac{4}{5}}$