

Invert each number below.

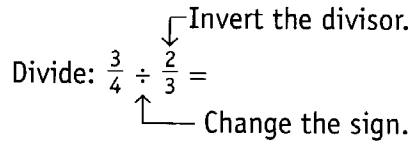
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|-------------------|----------------|----------------|----------------|-----------------|
| 1. $\frac{2}{3}$ | $\frac{5}{8}$ | $\frac{5}{6}$ | $\frac{1}{2}$ | $\frac{3}{4}$ |
| 2. $\frac{4}{3}$ | $\frac{7}{5}$ | $\frac{9}{4}$ | $\frac{5}{2}$ | $\frac{21}{16}$ |
| 3. 2 | 3 | 5 | 4 | 7 |
| 4. $2\frac{2}{3}$ | $3\frac{1}{4}$ | $4\frac{1}{3}$ | $1\frac{5}{8}$ | $2\frac{3}{16}$ |

Dividing a Fraction by a Fraction

EXAMPLE $\frac{3}{4} \div \frac{2}{3} =$

STEP 1 Invert the divisor. (The divisor is the second fraction. It is after the division sign.)

STEP 2 Change the division sign to a multiplication sign. Then multiply. Simplify the answer if necessary.



$$\frac{3}{4} \times \frac{3}{2} = \frac{9}{8}$$

ANSWER: $\frac{9}{8} = 1\frac{1}{8}$

Divide. Simplify your answers.

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

6. $\frac{7}{8} \div \frac{7}{8} =$ $\frac{3}{6} \div \frac{1}{3} =$ $\frac{11}{16} \div \frac{1}{4} =$ $\frac{7}{8} \div \frac{1}{8} =$

7. $\frac{2}{3} \div \frac{1}{2} =$ $\frac{7}{8} \div \frac{1}{2} =$ $\frac{4}{5} \div \frac{4}{5} =$ $\frac{5}{16} \div \frac{1}{16} =$

8. $\frac{12}{8} \div \frac{2}{3} =$ $\frac{14}{6} \div \frac{1}{2} =$ $\frac{3}{4} \div \frac{5}{4} =$ $\frac{4}{3} \div \frac{3}{2} =$