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Additional maths practice

Converting improper fractions to
mixed number fractions

Dividing fractions

How to convert an improper fraction to a mixed fraction:

1. Divide the number on top (the numerator) by the number in the bottom (the denominator).
2. Write down the whole number answer.
3. Then write down any remainder above the denominator.

$$1) \frac{6}{4} =$$

$$2) \frac{10}{5} =$$

$$3) \frac{13}{3} =$$

$$4) \frac{6}{2} =$$

$$5) \frac{41}{10} =$$

$$6) \frac{3}{2} =$$

$$7) \frac{9}{5} =$$

$$8) \frac{9}{4} =$$

$$9) \frac{21}{10} =$$

$$10) \frac{9}{3} =$$

$$11) \frac{13}{10} =$$

$$12) \frac{4}{3} =$$

$$13) \frac{12}{5} =$$

$$14) \frac{20}{4} =$$

$$15) \frac{6}{2} =$$

How to divide fractions:

1. Leave the first fraction in the equation alone.
2. Turn the division sign into a multiplication sign.
3. Flip the second fraction over.
4. Multiply the two fractions.
5. Finally simplify the fraction.

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

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

3. $\frac{7}{9} \div \frac{3}{9} =$

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

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

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

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

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

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

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

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

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

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

14. $\frac{1}{3} \div \frac{3}{9} =$

15. $\frac{7}{9} \div \frac{6}{7} =$

16. $\frac{3}{6} \div \frac{6}{7} =$