



Fraction Problems

Solve the following problems. Show your working out:

1. The sum of two numbers is 18. One number is twice as big as the other. What are the numbers?

2. John is 160cm tall and his brother Tom is $\frac{3}{4}$ as tall as him. How tall is Tom?

3. A bike costs £100 before a sale. In the sale, everything is reduced by $\frac{1}{4}$. How much will it now be?



Fraction Problems

Solve the following problems. Show your working out:

1. The product of two numbers is 36. The smaller number is $\frac{1}{4}$ of the larger one. What are the numbers?

2. John is 160cm tall and his brother Tom is $\frac{7}{8}$ as tall as him. How tall is Tom?

3. In a sale, everything is reduced by $\frac{1}{4}$. After being reduced, a bike costs £120. How much was the original price of the bike?



Fraction Problems

Solve the following problems. Show your working out:

1. The product of two numbers is 100. The smaller number is $\frac{1}{4}$ of the larger one. What are the numbers?

2. Last year, John weighed 50kg. This year he weighs $\frac{1}{5}$ more. If his weight increases by $\frac{1}{5}$ again next year, what will he weigh?

3. Justin wants a new computer which costs £600. He saved $\frac{1}{4}$ of the amount he needed. His family gave him $\frac{2}{5}$ of the total amount. He takes on a newspaper round, where he earns £10 each day. How many days will he need to work to raise the rest of the money he needs?
