Fraction Problems - **Answers**

Question	Answer
1.	The sum of two numbers is 18. One number is twice as big as the other. What are the numbers?
	Smaller number 6, larger number 12
2.	John is 160cm tall and his brother Tom is $\frac{3}{4}$ as tall as him. How tall is Tom?
	Tom is 120cm
3.	A bike costs £100 before a sale. In the sale, everything is reduced by $\frac{1}{4}$. How much will it now be?
	£75

Fraction Problems - **Answers**

Question	Answer
1.	The product of two numbers is 36. The smaller number is $\frac{1}{4}$ of the larger one. What are the numbers?
	Smaller number 3, larger number 12
2.	John is 160cm tall and his brother Tom is $\frac{7}{8}$ as tall as him. How tall is Tom?
	Tom is 140cm tall.
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?
	£160

Fraction Problems - **Answers**

Question	Answer
1.	The product of two numbers is 100. The smaller number is $\frac{1}{4}$ of the larger one. What are the numbers?
	Smaller number 5, larger number 20
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?
	72kg
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?
	21 days