

## Reasoning – Fractions of Amounts

At a Little Mix concert,  $\frac{13}{15}$  of the audience were girls and the remaining 150 were boys. How many people were at the concert?

Show your method

people

At a rugby match,  $\frac{7}{13}$  of the people supported Wasps and the remaining 3576 supported Hornets. How many people were at the match?

Show your method

people

$\frac{2}{5}$  of a group of dancers wear yellow t-shirts. The remaining 468 wear red t-shirts. How many dancers wear yellow t-shirts?

Show your method

dancers

## Reasoning – Fractions of Amounts

At a Little Mix concert,  $\frac{13}{15}$  of the audience were girls and the remaining 150 were boys. How many people were at the concert?

Show your method

**1125** people

At a rugby match,  $\frac{7}{13}$  of the people supported Wasps and the remaining 3576 supported Hornets. How many people were at the match?

Show your method

**7748** people

$\frac{2}{5}$  of a group of dancers wear yellow t-shirts. The remaining 468 wear red t-shirts. How many dancers wear yellow t-shirts?

Show your method

**312** dancers

## Reasoning – Fractions of Amounts

$\frac{7}{10}$  of a theatre audience were ladies.  
The remaining 285 were men. How many people were at the theatre?

Show your method

people

An aeroplane flies  $\frac{11}{15}$  of its journey over the sea and the remaining 1000 miles over land. How far did the plane travel over the sea?

Show your method

miles

On a cruise ship,  $\frac{9}{14}$  of the passengers are English and the remaining 425 are American. How many passengers are on the ship?

Show your method

passengers

## Reasoning – Fractions of Amounts

$\frac{7}{10}$  of a theatre audience were ladies.  
The remaining 285 were men. How many people were at the theatre?

Show your method

**950** people

An aeroplane flies  $\frac{11}{15}$  of its journey over the sea and the remaining 1000 miles over land. How far did the plane travel over the sea?

Show your method

**2750** miles

On a cruise ship,  $\frac{9}{14}$  of the passengers are English and the remaining 425 are American. How many passengers are on the ship?

Show your method

**1190** passengers

## Reasoning – Fractions of Amounts

At a football match,  $\frac{10}{17}$  support United and the remaining 693 support City.

How many supporters were at the match?

Show your method

supporters

$\frac{5}{17}$  of a group of men are bald. The remaining 1500 have hair. How many men were in the group?

Show your method

men

A man gives some money to his two sons. The eldest son gets  $\frac{11}{15}$  and the youngest son gets £7500. How much money does the eldest son get?

Show your method

pounds

## Reasoning – Fractions of Amounts

At a football match,  $\frac{10}{17}$  support United and the remaining 693 support City.  
How many supporters were at the match?

Show your method

**1683** supporters

$\frac{5}{17}$  of a group of men are bald. The remaining 1500 have hair. How many men were in the group?

Show your method

**2125** men

A man gives some money to his two sons. The eldest son gets  $\frac{11}{15}$  and the youngest son gets £7500. How much money does the eldest son get?

Show your method

**20,625** pounds

## Reasoning – Fractions of Amounts

A retired couple won some money on the lottery. They give their family  $\frac{3}{8}$  of the total amount and spend £1585 on a holiday. How much do they give their family?

Show your method

pounds

Christian and Edward are booking a holiday for their families. Christian pays £1155 and Edward pays  $\frac{6}{11}$ . How much does the holiday cost in total?

Show your method

pounds

In a box of counters  $\frac{7}{15}$  are red,  $\frac{2}{15}$  are green and the remaining 1230 are blue. How many counters are in the box?

Show your method

counters

## Reasoning – Fractions of Amounts

A retired couple won some money on the lottery. They give their family  $\frac{3}{8}$  of the total amount and spend £1585 on a holiday. How much do they give their family?

Show your method

**951** pounds

Christian and Edward are booking a holiday for their families. Christian pays £1155 and Edward pays  $\frac{6}{11}$ . How much does the holiday cost in total?

Show your method

**2541** pounds

In a box of counters  $\frac{7}{15}$  are red,  $\frac{2}{15}$  are green and the remaining 1230 are blue. How many counters are in the box?

Show your method

**3075** counters