

Reasoning – Fractions of Amounts

Mr Grey and Mr White book a holiday for their families. Mr Grey pays £236 and Mr White pays the remaining $\frac{5}{9}$. How much does Mr White pay?

In a school, $\frac{3}{8}$ of the pupils are girls and 240 are boys. How many children attend the school?

A family is going to France on holiday. They drive the first 208 miles to London. They then travel the final $\frac{3}{5}$ of their journey by train. How many miles do they travel by train?

Show your method

Show your method

Show your method

pounds

pupils

miles

Reasoning – Fractions of Amounts

Mr Grey and Mr White book a holiday for their families. Mr Grey pays £236 and Mr White pays the remaining $\frac{5}{9}$. How much does Mr White pay?

Show your method

295 pounds

In a school, $\frac{3}{8}$ of the pupils are girls and 240 are boys. How many children attend the school?

Show your method

384 pupils

A family is going to France on holiday. They drive the first 208 miles to London. They then travel the final $\frac{3}{5}$ of their journey by train. How many miles do they travel by train?

Show your method

312 miles

Reasoning – Fractions of Amounts

In one week, Mike reads 144 pages of his book. In the second week, he reads the remaining $\frac{5}{11}$ of his book. How many pages were in Mike's book?

Show your method

pages

At a rugby match, there are 245 fans that support the yellow team and $\frac{5}{12}$ of the fans support the green team. How many fans support the green team?

Show your method

fans

At a concert, 455 members of the audience are female and $\frac{7}{12}$ are male. How many people are at the concert altogether?

Show your method

people

Reasoning – Fractions of Amounts

In one week, Mike reads 144 pages of his book. In the second week, he reads the remaining $\frac{5}{11}$ of his book. How many pages were in Mike's book?

Show your method

264 pages

At a rugby match, there are 245 fans that support the yellow team and $\frac{5}{12}$ of the fans support the green team. How many fans support the green team?

Show your method

175 fans

At a concert, 455 members of the audience are female and $\frac{7}{12}$ are male. How many people are at the concert altogether?

Show your method

1092 people

Reasoning – Fractions of Amounts

In a school, $\frac{2}{9}$ of the pupils wear glasses. The remaining 469 pupils don't wear glasses. How many pupils go to the school?

Show your method

pupils

A man wins a prize on the lottery. He gives his winnings to his two sons. He gives $\frac{8}{13}$ to his eldest son and £250 to his youngest son. How much did he win?

Show your method

pounds

A box of counters contains only red and white counters. $\frac{8}{15}$ are white and 84 are red. How many counters are in the box?

Show your method

counters

Reasoning – Fractions of Amounts

In a school, $\frac{2}{9}$ of the pupils wear glasses. The remaining 469 pupils don't wear glasses. How many pupils go to the school?

Show your method

603 pupils

A man wins a prize on the lottery. He gives his winnings to his two sons. He gives $\frac{8}{13}$ to his eldest son and £250 to his youngest son. How much did he win?

Show your method

650 pounds

A box of counters contains only red and white counters. $\frac{8}{15}$ are white and 84 are red. How many counters are in the box?

Show your method

180 counters

Reasoning – Fractions of Amounts

$\frac{9}{13}$ of the people aged over 100 living in England are female. There are 292 men over 100 living in England. How many females are over 100?

Show your method

females

Connor and Anna decide to club together to buy a computer. Connor pays £184 and Anna pays the remaining $\frac{7}{11}$. How much did the computer cost?

Show your method

pounds

At a wedding, 96 guests are friends and family of the bride and $\frac{3}{9}$ of the guests are friends and family of the groom. How many guests were at the wedding?

Show your method

guests

Reasoning – Fractions of Amounts

$\frac{9}{13}$ of the people aged over 100 living in England are female. There are 292 men over 100 living in England. How many females are over 100?

Show your method

657 females

Connor and Anna decide to club together to buy a computer. Connor pays £184 and Anna pays the remaining $\frac{7}{11}$. How much did the computer cost?

Show your method

506 pounds

At a wedding, 96 guests are friends and family of the bride and $\frac{3}{9}$ of the guests are friends and family of the groom. How many guests were at the wedding?

Show your method

144 guests