

Example:

Josh guessed $\frac{1}{8}$ of the questions in a spelling test. He knew the rest.

If there were 32 questions in the test, how many did Josh know?

$\frac{1}{8}$ of 32 = $32 \div 8 = 4$. $\frac{7}{8}$ of 32 = $7 \times 4 = 28$. **Josh knew 28.**

1. Annie had £80 for her birthday. She decided to save $\frac{2}{5}$ and spent $\frac{1}{4}$ on a trip to the cinema. How much money did she have left? **£28**

2. Kathryn earns £270 each week and budgets $\frac{1}{3}$ for rent and $\frac{1}{5}$ for food shopping. How much does she have left to spend? **£126**

3. A decorator spends $\frac{1}{8}$ of his time on a job preparing, $\frac{1}{4}$ of his time is spent wallpapering and the rest is spent painting. If a job takes 16 hours, how much time does he spend painting? **10 hours**

4. 35 children attend a party. $\frac{2}{7}$ choose pizza. $\frac{2}{5}$ choose a hot-dog and the rest choose the pasta option. How many choose the pasta option? **11 children**

5. In a concert venue there are 240 VIP seats. This is $\frac{1}{30}$ of the capacity of the venue. What is the capacity of the venue? **7200**

6. A football ground can accommodate 8,500 supporters. At the last match, the ground was $\frac{19}{20}$ full. How many supporters were there? **8075 supporters**

7. Sophie needs to save £1200 for her holiday. She has managed to save £80 a month for six months. What fraction of the £1200 needed has she still got left to save?
Give your fraction simplified. **$\frac{3}{5}$**

8. $\frac{7}{12}$ of the members of a hiking club are female. There are 56 female members. How many members are male? **40 male members**