

Friday

Today you will need to answer the 6 two-step word problems below, you will need to use your knowledge of the 8 and 9 times tables with these. The 1st step can be solved by using your times table knowledge and the 2nd step can be solved using your knowledge of the fractions we have been learning about. Write out the calculation for each problem and then the answer, remember what is known and what is unknown.

Example:

Jack bought 10 bars of chocolate, each bar cost £3. He gave $\frac{1}{2}$ of the bars of chocolates to his brother. What was the total cost of the bars of chocolate and how many bars did Jack give to his brother?

What is unknown? How much the bars of chocolate cost in total and how many bars Jack gave to his brother is unknown

What is known? We know that Jack bought **10** bars of chocolate.

 We know that each bar cost **£3**

 We know that Jack gave **$\frac{1}{2}$** to his brother. $\frac{1}{2}$ is the same as dividing by 2

1st step calculation: $10 \times £3 = £30$ - The total cost of the chocolate bars is £30

2nd step calculation: $10 \div 2 = 5$ - Jack gave his brother 5 chocolate bars

2 step word problems:

1. A farmer has 8 chickens and each chicken lays 8 eggs. He sells $\frac{1}{2}$ of the eggs at the market. How many eggs have been laid in total and how many were sold at the market?
2. There are 6 sacks of potatoes and each sack weighs 8kg. What is the total weight of all 6 sacks? How much would $\frac{1}{3}$ weigh?
3. If I had 8 bags of tennis balls and each bag had 12 tennis balls inside, how many tennis balls would I have altogether? If $\frac{1}{4}$ of the tennis balls were red, how many are red in total?
4. Matthew has 12 packets of pens. Each packet contains 9 pens, but only $\frac{1}{2}$ of the pens work. How many pens are there in total and how many of the pens are useable?
5. A group of 9 students go on a trip to the Theatre. Each ticket costs £7. How much do the tickets cost altogether? They receive $\frac{1}{3}$ discount on the total cost, how much discount do they receive?
6. Bobby has 9 bags of marbles, each bag has 8 marbles inside. He gives $\frac{1}{4}$ of the total marbles to his friend. How many marbles did Bobby have to start with and how many marbles did he give to his friend?

