



Comparing fractions and percentages with money - answers

Answer these questions:

1. Budget Holidays Ltd offers a 20% discount. Cheap Treks and Co offers a quarter off the price.

Compare these by turning the fraction into a percentage.

As a percentage $\frac{1}{4}$ is: $\frac{1}{4}$ of 100% = $100 \div 4 = 25\%$.

Correct answer: 25% is a bigger saving than 20% so **Cheap Treks and Co is better value.**

2. Beth has $\frac{1}{4}$ of the bar which is 25%. Ankit has $\frac{1}{2}$ which is 50%.

Altogether they have $25\% + 50\% = 75\%$.
 $100\% - 75\% = 25\%$.

Correct answer: **25% of the chocolate bar is left.**

3. Marc earns £240 each week. He spends 10% on food.

To find 10% divide by 10. $\pounds 240 \div 10 = \pounds 24$. Marc saves $\frac{1}{5}$ of his wage. $\pounds 240 \div 5 = \pounds 48$.

Now add these two amounts to his £60 rent money.
 $\pounds 24 + \pounds 48 + \pounds 60 = \pounds 132$.

Take this from £240 to see how much Marc has each week.

Correct answer: $\pounds 240 - \pounds 132 = \pounds 108$.

4. Besure Ltd: divide by 10 to find 10% discount.

$\pounds 500 \div 10 = \pounds 50$. So the cost is $\pounds 500 - \pounds 50 = \pounds 450$.

Wheels & Co: divide by 3 to find a third.

$\pounds 660 \div 3 = \pounds 220$. So the cost is $\pounds 660 - \pounds 220 = \pounds 440$.

Correct answer: **Wheels & Co is cheaper.**