

One-Step Word Problems Percentage of Amounts

Aim: I can solve one-step word problems involving percentages.

1. A grocer has 60kg of potatoes. In one day, he sells 50% of the potatoes. What mass of potatoes does he sell?

2. A decorator buys 24 litres of paint. When he finishes painting, there is 25% of the paint left. How much paint is left?

3. A collection is made for local charities, which raises £60. 20% of the money is given to a children's charity. How much does the children's charity receive?

4. Amit reads a book with 250 pages. He reads 10% of the book each day. How many pages does he read each day?

5. An athlete runs 30 miles a week in three runs. On one day, the athlete runs 40% of the mileage. How long does the athlete run on this day?

6. A sunflower grows to be 200cm tall. After four weeks, it was 30% of this height. How tall was the sunflower after four weeks?

7. Six children collect 45 pencils. 20% of the pencils need sharpening. How many pencils need sharpening?

8. A football match lasts 90 minutes. One player plays 80% of the match. How many minutes does the player play?

9. There is 500g of flour left in the cupboard. 90% is needed for a cake. How much flour is needed for the cake?

10. 270 children attend a school. 60% of the children walk to school. How many children walk to school?

Challenge

Write some simple one-step word problems involving percentages for a partner.