Basic Facts Word Problem Worksheet 1

Monday, 2 November 2026 10:26 pm

1. A school is organising a fair. They sell 145 tickets on Friday, 238 tickets on Saturday and 167 tickets on Sunday.

   How many tickets did they sell altogether?

2. Ella is saving for a new bicycle that costs $285. She has already saved $137 and earns another $25 each week.

   How many more weeks will she need to save before she can afford the bicycle?

3. A family buys:

- 2 loaves of bread at $3.50 each
- 3 cartons of milk at $2.80 each
- 1 box of cereal for $6.90

   How much do they spend altogether?

4. There are 156 students going on a school trip. Each bus can carry 26 students.

   How many buses are needed to transport all the students?

5. A film starts at 2:35 pm and lasts 1 hour and 48 minutes. What time does the film finish?

6. A pizza is cut into 8 equal slices. Jack eats 2 slices and Mia eats 3 slices.

- What fraction of the pizza have they eaten altogether?
- What fraction of the pizza is left?

7. A chocolate bar has 24 squares. Sophie eats ¼ of the chocolate bar and her brother eats $\frac{1}{3}$ of it.

   How many squares are left?

8. A jacket costs $80. The shop offers a 25% discount.

   How much money is taken off the original price, and what is the new price?

9. Tom runs 2.45 km on Monday, 3.2 km on Tuesday and 1.85 km on Wednesday.

   How far does he run altogether?

10. A teacher has 96 sweets to share equally between 12 students. Each student eats 3 sweets.

    How many sweets does each student have left?

Challenge Problems

1. A rectangular school garden is 12 metres long and 8 metres wide.

- What is the perimeter of the garden?
- What is its area?
- If fencing costs $5 per metre, how much will it cost to fence the entire garden?

2. A football team earns:

- 3 points for a win
- 1 point for a draw
- 0 points for a loss

  The team wins 5 games, draws 3 games and loses 2 games.

  How many points do they earn altogether?

13. A bakery makes 360 cupcakes. They pack them into boxes of 12.

- How many boxes can they fill?
- If each box sells for $18, how much money will they make if every box is sold?

14. A water tank holds 500 litres when full. It is currently $\frac{3}{5}$ full.

- How many litres of water are in the tank?
- How many more litres are needed to fill it?

15. A family drives 480 km on their holiday. They travel at an average speed of 80 km per hour. They stop for a 30-minute lunch break and two 15-minute rest breaks.

    How long does the entire journey take, including the breaks?