

1 Fifty people are asked what their favourite food is.
30% of them said 'pizza', the remainder said 'curry'.
How many people preferred curry?

2 There are 80 straws in a jar.
60% of the straws are used at a party.
How many straws are left?

3 90 children are asked if they have any siblings.
Five ninths have at least one sister.
20% have no sister but at least one brother.
How many children have no siblings?

4 There are a total of 4200 books in the library, 22% are out on loan.
How many books are not out on loan?

5 The school choir consists of 25% of the children in Year 5.
There are 60 children in Year 5.
How many Year 5s are **not** in the choir?

6 A restaurant has 80 tables, each seating 5 people.
One Saturday lunchtime, 78% of the seats were occupied.
How many seats were free?

7 Victor has £240 birthday money.
He spends $\frac{3}{8}$ of his money in a sports shop and 20% of it in a bookshop.
How much money does Victor have left?

8 Karl uses 12 litres of water to washes the dishes.
This is 5% of the total amount of water he uses in an average day.
How much water does Karl use daily?

9

Simon is flying to Spain with some friends for a short break. His baggage allowance on the flight is 30kg. However, when he checks in for his flight, his suitcase weighs 15% more than his allowance. How much does Simon's suitcase weigh, in kilograms?

- A 31.5kg B 32kg C 34.5kg D 33.5kg E 45kg
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10

A cruise ship is fully booked prior to its round-the-world voyage. The ship can accommodate 3100 passengers. Due to some bad reviews online, 85% of the passengers decide to cancel. How many passengers will be going on the cruise?

- A 405 B 415 C 524 D 625 E 465
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11

In the aftermath of storm Bert, 12% of the houses in a small town have been flooded. There are a total of 1200 houses in the town. How many houses are flooded?

- A 104 B 144 C 112 D 116 E 124
-

12

In a survey, 200 children were asked whether tomato or pepperoni pizza. The results showed that 114 preferred pepperoni pizza. What percentage preferred tomato pizza?

- A 43% B 57% C 46% D 41% E 39%
-

13

Zara begins the new term with 20 new felt-tipped pens in her new pencil case. By half-term, six of them have ran out of ink. What percentage of the pens still work?

- A 30% B 75% C 70% D 65% E 60%
-

14

Anita scores 56/80 in her English test. In the same test, Emmanuel scores 40/80. What is the percentage difference between Anita's and Emmanuel scores?

- A 25% B 20% C 16% D 18% E 30%
-

15

Last year, Jasmine's local badminton club had 192 members. This year, membership has increased by 12.5%. How many members does the club currently have?

- A 206 B 208 C 212 D 226 E 216

Answers

| | |
|----|-------------|
| 1 | 35 people |
| 2 | 32 straws |
| 3 | 27 children |
| 4 | 3276 books |
| 5 | 45 children |
| 6 | 88 seats |
| 7 | £102 |
| 8 | 240 litres |
| 9 | C |
| 10 | E |
| 11 | B |
| 12 | A |
| 13 | C |
| 14 | B |
| 15 | E |