



SPOT THE PERCENTAGE 1C

Work out the missing percentages in these problems.

See if you can spot the impossible problem which cannot be answered!

1) In a class, three-fifths of the children are girls. What percentage are boys?

2) In a packet of skittles, 27% are red and $\frac{2}{5}$ are blue.
What percentage are not red?

3) In a group of 50 children, 11 cannot swim. What percentage can swim?

4) Frazer scores $1\frac{17}{20}$ in a spelling test.
What percentage is this?

5) Toronto FC have won $\frac{2}{5}$ of their games and lost 42% of their games.
What percentage have they tied?



6) Children had to pick their favourite sport from basketball, football and hockey. $\frac{3}{10}$ chose basketball and $\frac{1}{4}$ chose hockey. What percentage chose football?

7) 82 of the 200 animals in a dog and cat rescue centre are cats. What percentage are dogs?



8) In a math test, $\frac{3}{10}$ of the children scored an average score. What percentage scored above average?

9) In a study of 300 students under 25 years old, 21 have not yet learned to drive. What percentage can drive?

10) In a survey of 1000 people, 60 people did not know how to ride a bike. What percentage is this?

Did you manage to find the impossible problem?





SPOT THE PERCENTAGE 1C ANSWERS

1) In a class, three-fifths of the children are girls. What percentage are boys?

Answer: 40%

2) In a packet of skittles, 27% are red and $\frac{2}{5}$ are blue.

What percentage are not red?

Answer: 73%

3) In a group of 50 children, 11 cannot swim. What percentage can swim?

Answer: 78%

4) Frazer scores $\frac{17}{20}$ in a spelling test. What percentage is this?

Answer: 85%

5) Toronto FC have won $\frac{2}{5}$ of their games and lost 42% of their games. What percentage have they tied?



Answer: 18%

6) Children had to pick their favourite sport from basketball, football and hockey. $\frac{3}{10}$ chose basketball and $\frac{1}{4}$ chose hockey. What percentage chose football?

Answer: 45%

7) 82 of the 200 animals in a dog and cat rescue centre are cats. What percentage are dogs?



Answer: 59%

8) In a math test, $\frac{3}{10}$ of the children scored an average score. What percentage scored above average?

Impossible question – not enough information

9) In a study of 300 students under 25 years old, 21 have not yet learned to drive. What percentage can drive?

Answer: 93%

10) In a survey of 1000 people, 60 people did not know how to ride a bike. What percentage is this?

Answer: 6%