



## 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?



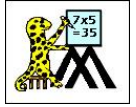
8) In a math test,  $\frac{3}{10}$  of the children scored an average score. What percentage scored above average?

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%**