SPOT THE PERCENTAGE 1B

Work out the missing percentages in these problems.

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

1) In a class, ¾ of the children are girls. What percentage are boys?

2) In a packet of skittles, 27% are red and 14% are blue.
What percentage are not red?

3) In a group of 50 children, 11 cannot swim. What percentage are non-swimmers?

4) Frazer scores $\frac{27}{50}$ in a spelling test. What percentage did he get right?

5) Toronto FC have won half 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.
35% chose basketball and ¼ chose hockey. What percentage chose football?

7) 38% of the animals in a dog and cat rescue centre are cats. What percentage are dogs?

8) In a math test, 32% of the children scored an average score. What percentage scored above average?

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

10) In a survey of 100 people, 6 people did not know how to ride a bike. What percentage could ride?

Did you manage to find the impossible problem?

SPOT THE PERCENTAGE 1B ANSWERS

1) In a class, ¾ of the children are girls. What percentage are boys?

Answer: 25%

2) In a packet of skittles, 27% are red and 14% are blue.
What percentage are not red?

Answer: 73%

3) In a group of 50 children, 11 cannot swim. What percentage are non-swimmers?

Answer: 22%

4) Frazer scores $^{27}/_{50}$ in a spelling test. What percentage did he get right?

Answer: 54%

5) Toronto FC have won half of their games and lost 42% of their games. What percentage have they tied?

Answer: 8%

6) Children had to pick their favourite sport from basketball, football and hockey.
35% chose basketball and ¼ chose hockey. What percentage chose football?

Answer: 40%

7) 38% of the animals in a dog and cat rescue centre are cats. What percentage are dogs?

Answer: 62%

8) In a math test, 32% of the children scored an average score. What percentage scored above average?
Impossible question – not enough information

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

Answer: 80%

10) In a survey of 100 people, 6 people did not know how to ride a bike. What percentage could ride?

Answer: 94%