PERCENTAGE OF NUMBER PROBLEMS 1C

Find the answers to these percentage of number word problems.

Can you spot the impossible/trick problem?

1) In a group of 20 children, 25% are girls. How many boys are there in the class?

2) In a packet of 40 skittles, 35% are red. How many skittles are not red?

3) In a class of 30 children, 60% can swim. How many children cannot swim?

4) Frazer scores 85% in a spelling test with 40 questions.
How many did he get right?

5) Toronto FC have lost 25% of their games and drew 10%. If they have played 40 games, how many games did they win?

6) In a group of 20 children, 60% have blue eyes and 35% have brown eyes. How many children have brown eyes?

7) 28% of the animals in an animal rescue centre are cats. What percentage are dogs?

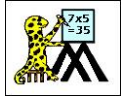8) A toy car costing $60 is reduced by 15% in the sale. How much does it cost now?

9) In a study of 200 students under 25 years old, 5% cannot drive. How many of the students can drive?

10) In a survey of 300 adults, 15% did not know how to ride a bike. How many people can ride a bike?

Did you manage to find the impossible problem?

PERCENTAGE OF NUMBER PROBLEMS 1C ANSWERS

1) In a group of 20 children, 25% are girls. How many boys are there in the class?

Answer: 15 boys

2) In a packet of 40 skittles, 35% are red. How many skittles are not red?

Answer: 26 skittles are not red

3) In a class of 30 children, 60% can swim. How many children cannot swim?

Answer: 12 children can't swim

4) Frazer scores 85% in a spelling test with 40 questions.
How many did he get right?

Answer: 34 questions are right

5) Toronto FC have lost 25% of their games and drew 20%. If they have played 40 games, how many games did they win?

Answer: 22 games won

6) In a group of 20 children, 60% have blue eyes and 35% have brown eyes. How many children have brown eyes?

Answer: 7 children have brown eyes

7) 28% of the animals in an animal rescue centre are cats. What percentage are dogs?

Impossible question – not enough information

8) A toy car costing $60 is reduced by 15% in the sale. How much does it cost now?

Answer: it costs $51 in the sale

9) In a study of 200 students under 25 years old, 5% cannot drive. How many of the students can drive?

Answer: 190 students can drive

10) In a survey of 300 adults, 12% did not know how to ride a bike. How many people can ride a bike?

Answer: 264 adults can ride a bike