PERCENTAGE OF NUMBER PROBLEMS 1B

Find the answers to these percentage of number word problems.

Can you spot the impossible/trick problem?

1) In a class of 30 children, 60% of the children are girls. How many girls are there in the class?

2) In a packet of 40 skittles, 30% are red. How many skittles are not red?

3) In a group of 30 children, 80% can't swim. How many children can't swim?

4) Frazer scores 75% in a spelling test with 40 questions.
How many did he get right?

5) Toronto FC have lost 25% of their games. If they have played 36 games, how many didn't they lose?

6) In a group of 20 children, 50% have blue eyes and 40% 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?

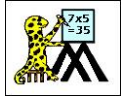8) A toy car costing $50 is reduced by 10% in the sale. How much does it cost now?

9) In a study of 200 students under 25 years old, 5% have not yet learned to drive. How many of the students cannot drive?

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

Did you manage to find the trick problem?

Name

Date

PERCENTAGE OF NUMBER PROBLEMS 1B ANSWERS

1) In a class of 30 children, 60% of the children are girls. How many girls are there in the class?

Answer: 18 girls

2) In a packet of 40 skittles, 30% are red. How many skittles are not red?

Answer: 28 skittles are not red

3) In a group of 30 children, 80% can't swim. How many children can't swim?

Answer: 24 children can't swim

4) Frazer scores 75% in a spelling test with 40 questions.
How many did he get right?

Answer: 30 questions

5) Toronto FC have lost 25% of their games. If they have played 36 games, how many didn't they lose?

Answer: 27 games

6) In a group of 20 children, 50% have blue eyes and 40% have brown eyes. How many children have brown eyes?

Answer: 8 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 given

8) A toy car costing $50 is reduced by 10% in the sale. How much does it cost now?

Answer: $45

9) In a study of 200 students under 25 years old, 5% have not yet learned to drive. How many of the students cannot drive?

Answer: 10 students can't drive

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

Answer: 45 people can't ride a bike