

Name

Date



PERCENTAGE OF NUMBER PROBLEMS 1A

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 red skittles are there?

3) In a group of 30 children, 80% can swim. How many children can swim?

4) Frazer scores 70% in a spelling test with 20 questions. How many did he get right?

5) Toronto FC have lost 25% of their games. If they have played 16 games, how many have they lost?



6) In a group of 26 children, 50% have blue eyes. How many children have blue eyes?



7) 20% 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 money is it reduced by?



9) In a study of 200 students under 25 years old, 20% have not yet learned to drive. How many students cannot drive?

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

Did you manage to find the trick problem?





PERCENTAGE OF NUMBER PROBLEMS 1A

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 red skittles are there?

Answer: 12 are red

3) In a group of 30 children, 80% can swim. How many children can swim?

Answer: 24 can swim

4) Frazer scores 70% in a spelling test with 20 questions. How many did he get right?

Answer: he got 14 right

5) Toronto FC have lost 25% of their games. If they have played 16 games, how many have they lost?



Answer: they lost 4 games

6) In a group of 26 children, 50% have blue eyes. How many children have blue eyes?



Answer: 13 children

7) 20% of the animals in an animal rescue centre are cats. What percentage are dogs?



Impossible question – not enough information

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



Answer: reduced by \$5

9) In a study of 200 students under 25 years old, 20% have not yet learned to drive. How many students cannot drive?

Answer: 40 students

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

Answer: 30 people