Reverse Percentages

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Maths

Reverse percentages

1. Work out the following

a) If 10% of a number is 14.5, find 100%

b) If 25% of a number is 320, find 100%

c) If 8% of a number is 22, find 100%

d) If 30% of a number is 12, find 100%

2. Jack answers 90% of the questions on a test correctly. He answers 54 questions correctly.
How many questions are on the test?

3. A shop has reduced all dresses by 30% and all accessories by 15%

a) A dress now costs £49. How much did it cost before the sale?

b) A bag now cost £34. How much did it cost before the sale?

Answers

Reverse percentages

1. Work out the following

a) If 10% of a number is 14.5, find 100%

145

b) If 25% of a number is 320, find 100%

1280

c) If 8% of a number is 22, find 100%

275

d) If 30% of a number is 12, find 100%

40

2. Jack answers 90% of the questions on a test correctly. He answers 54 questions correctly.
How many questions are on the test?

60

3. A shop has reduced all dresses by 30% and all accessories by 15%

a) A dress now costs £49. How much did it cost before the sale? £70

b) A bag now cost £34. How much did it cost before the sale? £40