Calculating Percentages

1. Find 10% of the following



7 biscuits



4331 hectares of land



$1500



A class of 27 students



A 23 km hike



3 Sharks

2. Find 1% of the following



7 biscuits



4331 hectares of land



$1500



A class of 27 students



A 23 km hike



3 Sharks

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Remember – if you can find out what 1% is then you can calculate any percentage by multiplying the 1% by the number of percent you want to discover. You can use 105 to speed up your calculations.

3. Calculate the percentages as indicated.



Find 32% of 4331 hectares of land



Find 20% of $1500



Find 5% of 3 sharks



Find 76% of a 23 km hike



Find 14% of 7 biscuits

4. Determine the numbers of jellyfish.



There are 203 jellyfish.

What is 10% of the jellyfish?

What is 1% of the jellyfish?

What is the value of 1 jellyfish as a percentage?

What is 44% of the jellyfish (to the nearest 1 jellyfish)?

What is the value of 67 jellyfish as a percentage?

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5. Determine the corresponding amounts and percentages.



There is a briefcase with $243,000 in it.

What is 10% of the money?

What is 1% of the money?

What is the value of $1 as a percentage?

What is 30% money?

What is the value of $100,000 as a percentage?



The Hurst family's pool holds 80,000 litres of water.

What is 10% of the water?

What is 1% of the water?

What is the value of 1 litre of water as a percentage?

How much water is 12%?

What is the value of 25,000 litres of water as a percentage?



Hannah counted 12 koalas in her local area.

What is 10% of the koalas?

What is 1% of the koalas?

What is the value of 1 koala as a percentage?

What is 92% of the koalas?

What is the value of 3 koalas as a percentage?

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