



11.10.2021

MPI: *rounding to the nearest 10, 100, 1000.*

Round these numbers to the nearest **10**.

Thousands	Hundreds	Tens	Ones
	2	4	8

22	<input type="text"/>	44	<input type="text"/>	188	<input type="text"/>
83	<input type="text"/>	99	<input type="text"/>	553	<input type="text"/>
57	<input type="text"/>	516	<input type="text"/>	248	<input type="text"/>

Round these numbers to the nearest **100**.

Thousands	Hundreds	Tens	Ones
1	9	0	2

342	<input type="text"/>	454	<input type="text"/>	1,902	<input type="text"/>
743	<input type="text"/>	9,709	<input type="text"/>	5,833	<input type="text"/>
841	<input type="text"/>	5,160	<input type="text"/>	8,555	<input type="text"/>

Round these numbers to the nearest **1000**.

Thousands	Hundreds	Tens	Ones
1	9	0	2

4,125	<input type="text"/>	9,441	<input type="text"/>
2,317	<input type="text"/>	25,620	<input type="text"/>
9,552	<input type="text"/>	5,123	<input type="text"/>



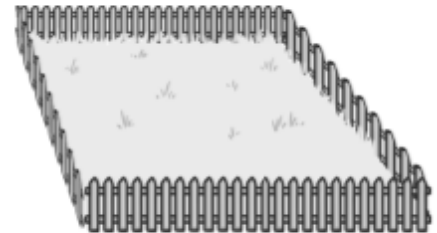
11.10.2020

Applying rounding to the nearest 10, 100, 1000 in word problems

Sometimes in life situations, getting a quick answer is more important than achieving complete accuracy. Additionally, in some cases the nature of a problem will require some rounding to achieve a correct answer.

Use your rounding skills for the questions below; (please note: however, that as the answers are based on rounding and estimates, they may differ to yours slightly!)

1. A shop sells material in 1 metre lengths. A dress maker needs 3 lengths of material which are the following lengths – 88cm, 189 cm and 80 cm. How many metres of material should she buy?
2. Imagine you have to make a quick estimate of the length of a fence that will be required to surround a field. The owner wants an idea of a price straight away. How close can you get in 10 seconds? Rounding will help.
Side 1 = 1756cm Side 2 = 1678 cm Side 3 = 1419cm Side 4 = 1949cm



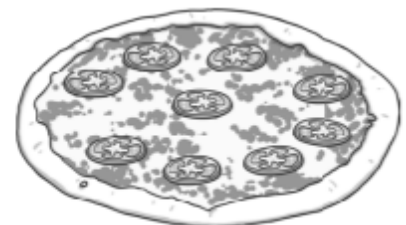
3. Votes are being counted in the election and the Red Party candidate wants to have an idea of whether he has won or lost. Can you round the numbers and add them quickly to give him the likely news?

	Area 1	Area 2	Area 3	Area 4	Area
Red Party	12 345	9876	15 499	6701	11 282
Blue Party	8781	14 456	16 221	5207	8871

Winning Party =

By approximately votes.

4. Karim decides to organise a pizza party for his friends. He decides that everyone will eat a whole pizza and he wants to invite 63 friends. If the pizzas cost £2.50 per person but the bank only allows withdrawals in multiples of £10, how much should he withdraw from the bank?





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Journaling

When a whole number is rounded to the nearest 100, the answer is rounded to 1400.

When the same number is rounded to the nearest 10, the answer is 1430.

What could the number be?

How many possibilities are there?



Can you make up your own version of this problem for your partner to solve?



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Journaling

When a whole number is rounded to the nearest 100, the answer is rounded to 1400.

When the same number is rounded to the nearest 10, the answer is 1430.

What could the number be?

How many possibilities are there?



Can you make up your own version of this problem for your partner to solve?