

	1	9	.	1	0	.	2	0	2	0				
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LO: To use rounding

 <https://vimeo.com/461352146>
Home learning video link

You will need:

Whiteboard

Pen

Place value grid

1 9 . 1 0 . 2 0 2 0

LO: To use rounding

STARTER

The temperature at 6 a.m. was recorded each day for one week.

Day	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Temp (°C)	1	-1	0	3	2	-2	-3

- What was the coldest morning?
- What was the warmest morning?
- What is the difference in temperature between Monday and Tuesday?
- Place the recorded temperatures in order from smallest to largest.

1	9	.	1	0	.	2	0	2	0						
LO: To use rounding															
<i>Powerpoint time</i>															

1)

You do

Rosie is working out $2,937 + 1,870$

Rosie rounds each number to the nearest 1,000 to estimate the answer.

Complete the sentences.

2,937 rounded to the nearest 1,000 is

1,870 rounded to the nearest 1,000 is

Rosie's estimate for the answer is

+

=

Work out the actual answer.

Answers

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Work out the actual answer.

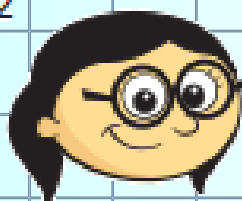
You do

2) Round each number to the nearest 10,000 to estimate the answer to the calculations.

a) $12,063 + 29,580$

b) $47,640 - 9,485$

3) Annie works out $7,320 + 912$



The answer
is 16,440

Use approximations to show that Annie is incorrect.

2)

Answers

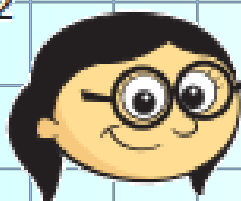
Round each number to the nearest 10,000 to estimate the answer to the calculations.

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3)

Annie works out $7,320 + 912$



The answer
is 16,440

Use approximations to show that Annie is incorrect.

1	4	.	1	0	.	2	0	2	0						
LO: To use rounding															
<i>Powerpoint time</i>															

You do

Are these statements correct? How do you know?

a) $29,999 - 9,999 = 30,000 - 10,000$

b) $17,550 + 10,570 > 17,550 + 9,985$

c) $17,990 + 75,980 - 17,990 = 12,975 + 75,980 - 12,975$

Mo has made a mistake with this calculation.

Use rounding and approximating to show how you know.

	6	13	12	
	1	~~7~~	~~4~~	~~3~~ 12
-		8	4	8 7
	1	8	9	4 5

Are these statements correct? How do you know?

Answers

a) $29,999 - 9,999 = 30,000 - 10,000$

b) $17,550 + 10,570 > 17,550 + 9,985$

c) $17,990 + 75,980 - 17,990 = 12,975 + 75,980 - 12,975$

Mo has made a mistake with this calculation.

Use rounding and approximating to show how you know.

$$\begin{array}{r}
 6 \text{ } ^13 \text{ } ^12 \\
 1 \text{ } \cancel{7} \text{ } \cancel{4} \text{ } \cancel{3} \text{ } ^12 \\
 - \quad 8 \text{ } 4 \text{ } 8 \text{ } 7 \\
 \hline
 1 \text{ } 8 \text{ } 9 \text{ } 4 \text{ } 5
 \end{array}$$

