



27/1/21 (Wednesday) – Can I round numbers, including decimals?

5 or more,
let it
soar!

5, 6, 7, 8, 9



1, 2, 3, 4
4 or less,
let it
rest!



zzzzz.....

When you are asked to round a number follow these steps:

1. Identify the digit with the given place value.
2. Underline the digit next to it.
3. Round to the nearest 10. Remember if your underlined digit is 5 or more let it soar, 4 or less let it rest.
4. Remove all digits after the given place value.

2. Dexter is measuring a box of chocolates with a ruler that measures in centimetres and millimetres.



He measures it to the nearest cm and writes the answer 28 cm.

What is the smallest length the box of chocolates could be?

1. Use the clues to find the correct answer from the eight possibilities.

CHALLENGE A

- I am less than a half.
- If you round me to the nearest tenth, I round to 0.5.
- If you round me to 2 decimal places, I round down.
- My hundredths digit is odd.

Who am I?

0.536	0.472	0.356	0.62
0.551	0.487	0.512	0.464

3.

Whitney is thinking of a number.



Rounded to the nearest whole her number is 4

Rounded to the nearest tenth her number is 3.8

Write down at least 4 different numbers that she could be thinking of.

CHALLENGE B

- I have more than 3 digits.
- My ones digit is odd and my tenths digit is even.
- If you round me to 2 decimal places, I round up.
- If you round me to the nearest tenth, I become 5.8

Who am I?

5.762	5.861	5.82	5.721
5.902	5.848	5.759	5.853

4. A number between 11 and 20 with 2 decimal places rounds to the same number when rounded to one decimal place and when rounded to the nearest whole number?

What could this be?

Is there more than one option? Explain why.