

Monday 29th June, 2020

Today we will reviewing decimals including tenths and hundredths which we started looking at last week. We will also be looking at rounding.

Fluency

Click these 2 links from My Maths and complete the revision tasks set for you.

Click the two links for My Maths and complete the online tasks

<https://app.mymaths.co.uk/50-lesson/introducing-decimals>

<https://app.mymaths.co.uk/1673-lesson/rounding-decimals>

You can also find these by logging in to My Maths. The lessons set are called

- Introducing decimals
- Rounding decimals

Find below three levels of work to complete. Complete which ever one you feel comfortable with, or all 3 if you wish.



Rounding Decimals

Draw number lines to help you to round the numbers to the nearest whole number. Use a Rounding Number Line if you need to.

1. 0.8 rounded to the nearest whole number is

2. 13.6 rounded to the nearest whole number is

3. 57.2 rounded to the nearest whole number is

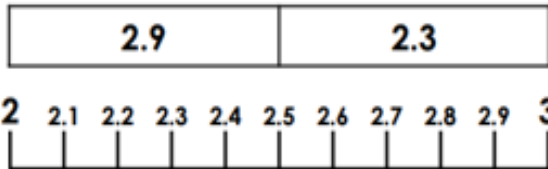
4. 84.4 rounded to the nearest whole number is

5. 28.1 rounded to the nearest whole number is



Round Decimals

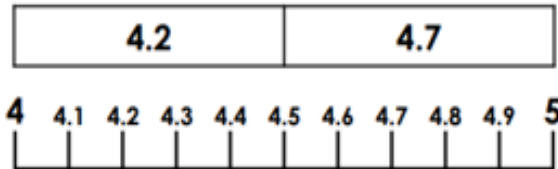
1a. Which of these decimals is closest to 2? Which of these decimals is closest to 3?



VF

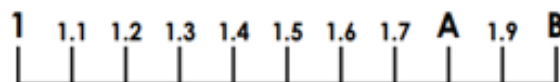
Round Decimals

1b. Which of these decimals is closest to 4? Which of these decimals is closest to 5?



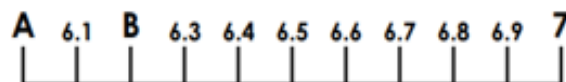
VF

2a. Fill in the number line with the missing whole number and the decimal which rounds up to it.



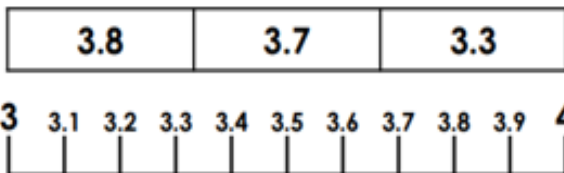
VF

2b. Fill in the number line with the missing whole number and the decimal which rounds down to it.



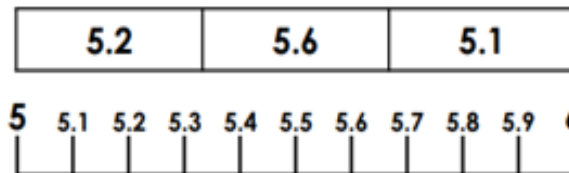
VF

3a. Do the decimals round up or down? Which whole number do they round to?



VF

3b. Do the decimals round up or down? Which whole number do they round to?



VF

4a. Fill in the gaps using these decimals and whole numbers.



_____ rounds up to _____.

_____ rounds down to _____.



VF

4b. Fill in the gaps using these decimals and whole numbers.



_____ rounds down to _____.

_____ rounds up to _____.



VF



Rounding

Alfie asks, "Which of the following numbers will round down to 0 and round up to 1? Explain your reasoning."

0.1, 0.2, 0.4 to 0, 0.5, 0.6, 0.7, 0.9 up to 1

£23.40

£23.40 is collected for a charity. How much is raised, rounded to the nearest pound?

68.5cm

A stick is 68.5cm long. How long is the stick to the nearest centimetre?

4.8l

A bucket has a capacity of 4.8l. What is the capacity of the bucket to the nearest litre?

12.1kg

A bag of potatoes weighs 12.1kg. What is the weight of the bag to the nearest kilogram?

179.4km

A cyclist cycles 179.4km. How far did the cyclist cycle to the nearest kilometre?

45.2ml

A glass contains 45.2ml of water. How much water is there in the glass to the nearest millimetre?

26.7m

A pupil throws a ball 26.7m. How far was the ball thrown to the nearest metre?