

Wednesday 17th June

Hello Year 5,

We can't believe that it's already the middle of June!

We hope that you have had a great week and managed to get outside even though the sun hasn't been shining as much as in previous weeks.

Here are the activities for this week for you to follow and complete. We're finishing our writing unit, learning about decimal numbers, being arty and also developing our skipping skills! If you have some spare time or want to do some extra learning, you could visit <https://www.bbc.co.uk/bitesize> or <https://www.thenational.academy/online-classroom> where there are lots of lessons and activities to choose from.

As always, try to read for at least 20 minutes a day and take Accelerated Reader quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#). Remember you can read or listen to books online using <https://readon.myon.co.uk> and <https://stories.audible.com/start-listen>.

Remember as well as learning, take the time to relax, exercise and be kind to yourselves and each other.

Best wishes,

Miss Savage, Mrs Montgomery and Mrs Graham too!

English Activity 3 - Get planning!



Get Planning!

★ Use the boxed-up planner to plan your facts. It has the same structure as my text. Make notes or draw pictures.

Name of animal	
What is it? <i>Introduce the animal</i>	
Appearance <i>What does it look like?</i>	
Habitat <i>Where does it live?</i>	
Diet <i>What does it eat?</i>	
Talents <i>What can it do?</i>	
Fascinating facts	

MATHS 10-4-10

1. $456 \div 3 =$
2. $4^2 =$
3. $0.6 \times 4 =$
4. Write 45,608 in words.
5. $34.78 + 56.1 =$
6. $\underline{\hspace{2cm}} = 3462 - 567$
7. $\frac{3}{4} + \frac{2}{3} =$
8. A pen costs £4.60. How much will 2 pens cost?
9. A piece of rope measuring 4m is cut into 8 equal lengths. How long will each piece be?
10. A plane journey takes $6\frac{1}{2}$ hours. If I set off at 8:40am, what time will I arrive?

Remember - ten questions in ten minutes.

If you find one tricky, just move on to the next and come back to any you have missed at the end.

Maths Activity - Rounding decimals


This week we are learning about decimals. There is a knowledge postcard on the next three slides to use if you need to.


Use the following link to White Rose Maths Home Learning and watch the video for Summer Term - Week 7 - Lesson 3 - Rounding decimals.


<https://whiterosemaths.com/homelearning/year-5/>

Today's lesson is new learning so watch the video carefully as it explains the concept in different ways. You can pause the video and complete questions on the sheet or in your homework books, or you may prefer to watch the whole video first before completing the sheet. If you feel you want to just go ahead and complete the sheet, then feel free to do so. You can then check your answers to see how you got on (answers are at the end of the presentation).

Again you should have a go at completing the questions you feel confident to. Remember, don't worry, just try your best.


Questions 1 - 3 

Questions 1 - 6 

Questions 1 - 8 

Decimals Revision

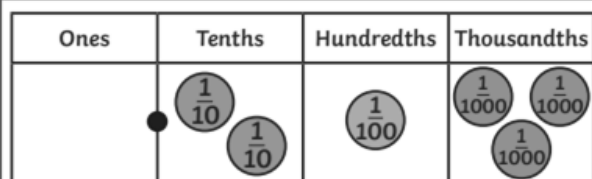
Decimals

Key Vocabulary	Tenths, Hundredths and Thousandths
tenths	$\frac{0}{10}$ $\frac{1}{10}$ $\frac{2}{10}$ $\frac{3}{10}$ $\frac{4}{10}$ $\frac{5}{10}$ $\frac{6}{10}$ $\frac{7}{10}$ $\frac{8}{10}$ $\frac{9}{10}$ $\frac{10}{10}$
hundredths	
decimal tenths	$\frac{0}{100}$ $\frac{1}{100}$ $\frac{2}{100}$ $\frac{3}{100}$ $\frac{4}{100}$ $\frac{5}{100}$ $\frac{6}{100}$ $\frac{7}{100}$ $\frac{8}{100}$ $\frac{9}{100}$ $\frac{1}{10}$
decimal hundredths	
decimal equivalents	$\frac{0}{1000}$ $\frac{1}{1000}$ $\frac{2}{1000}$ $\frac{3}{1000}$ $\frac{4}{1000}$ $\frac{5}{1000}$ $\frac{6}{1000}$ $\frac{7}{1000}$ $\frac{8}{1000}$ $\frac{9}{1000}$ $\frac{1}{100}$
part-whole model	
rounding	
decimal point	
place value	
 visit twinkl.com	

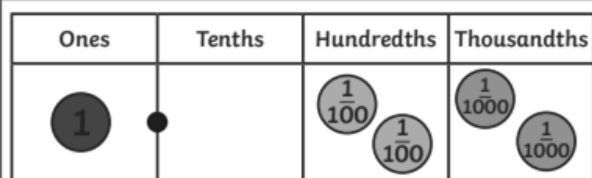
Decimals Revision

Knowledge Organiser

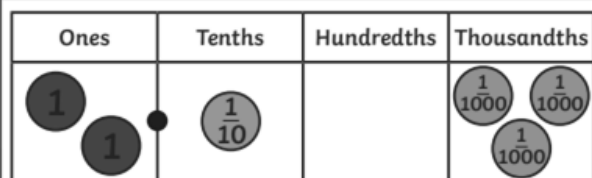
Order and Compare Numbers with Three Decimal Places



0 . 2 1 3



1 . 0 2 2



2 . 1 0 3

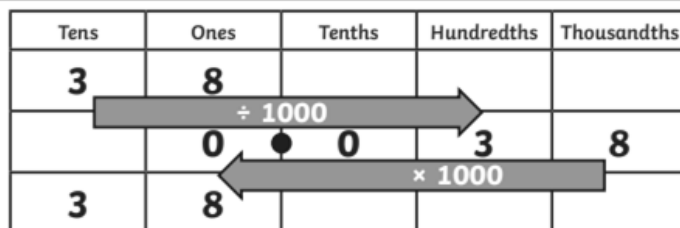
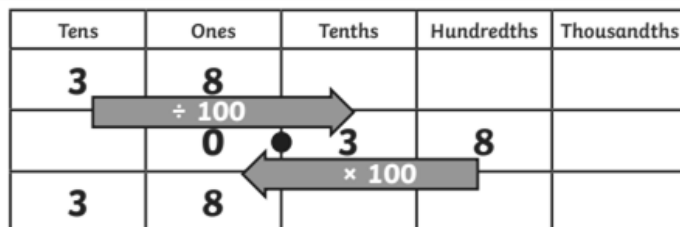
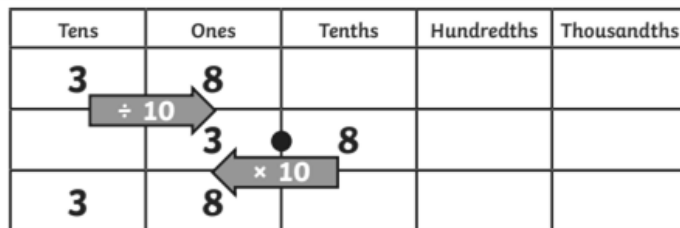
Decimal Numbers as Fractions

$$0.71 = \frac{71}{100} = \frac{7}{10} + \frac{1}{100}$$

$$0.37 = \frac{37}{100} = \frac{3}{10} + \frac{7}{100}$$

Decimals

Multiplying and Dividing by 10, 100 and 1000



Adding and Subtracting Decimals

$$0.8 + 0.001 = 0.801$$

$$1.031 - 0.23 = 0.801$$

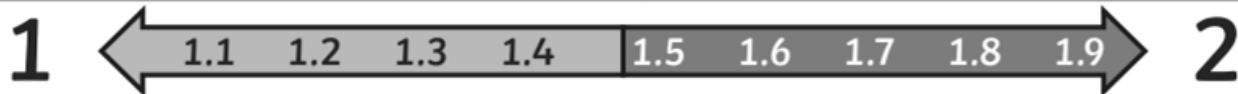
$$0.4005 + 0.4005 = 0.801$$



Decimals Revision

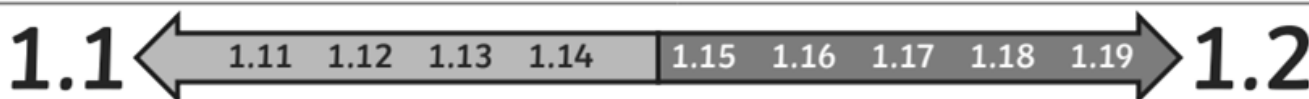
Knowledge Organiser

Rounding Decimals



If the tenths digit is 1, 2, 3 or 4, we round down to the nearest whole number.

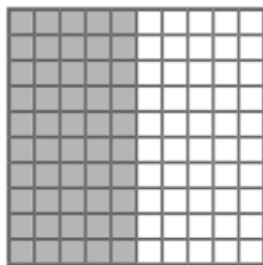
If the tenths digit is 5, 6, 7, 8 or 9, we round up to the nearest whole number.



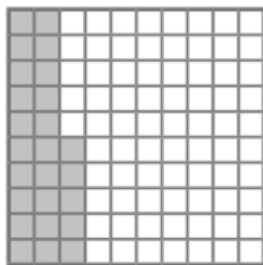
If the hundredths digit is 1, 2, 3 or 4, we round down to the nearest tenth.

If the hundredths digit is 5, 6, 7, 8 or 9, we round up to the nearest tenth.

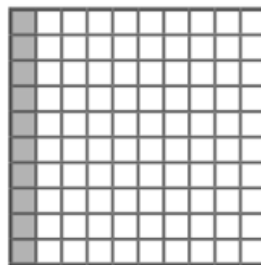
Percentage and Decimal Equivalents



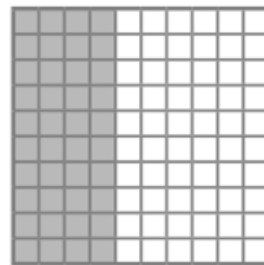
$$50\% = \frac{50}{100} = \frac{1}{2} = 0.5$$



$$25\% = \frac{25}{100} = \frac{1}{4} = 0.25$$



$$10\% = \frac{10}{100} = \frac{1}{10} = 0.1$$

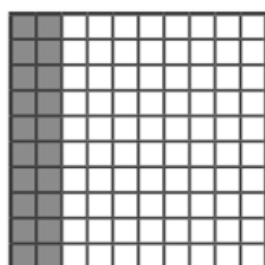


$$40\% = \frac{40}{100} = \frac{2}{5} = 0.4$$

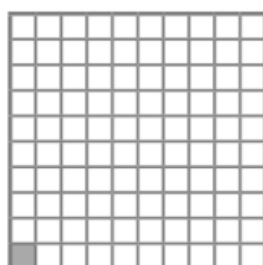
Crossing the Whole

$$0.82 + 0.63 = 1.45$$

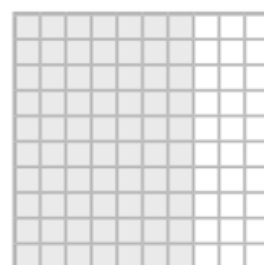
$$2.531 - 0.6 = 1.931$$



$$20\% = \frac{20}{100} = \frac{1}{5} = 0.2$$



$$1\% = \frac{1}{100} = 0.01$$



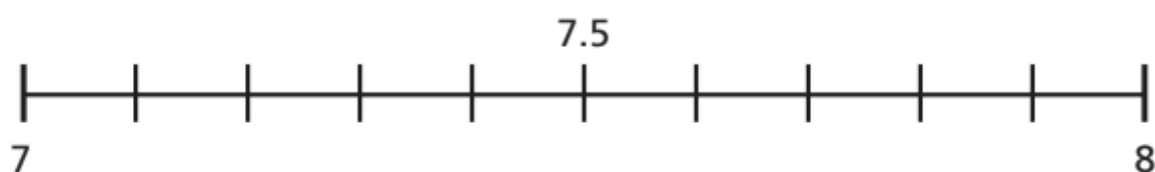
$$70\% = \frac{70}{100} = \frac{7}{10} = 0.7$$

Rounding decimals

1 Show the position of each number on the number line.

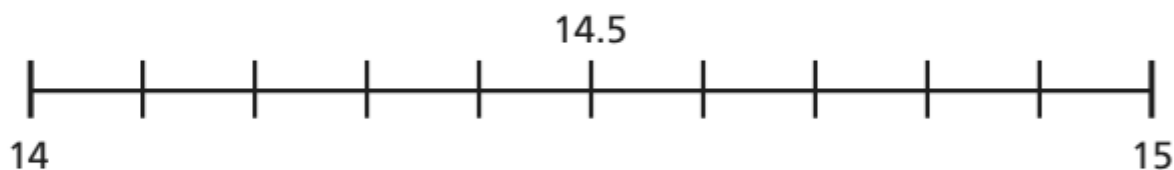
Use the number line to round these decimals to the nearest whole number.

a) 7.2



The nearest whole number is

b) 14.8



The nearest whole number is

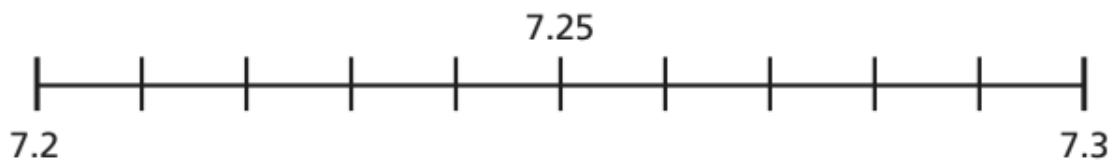
c) 6.5



The nearest whole number is

- 2 Use the number line to round these decimal numbers to the nearest tenth and the nearest whole number.

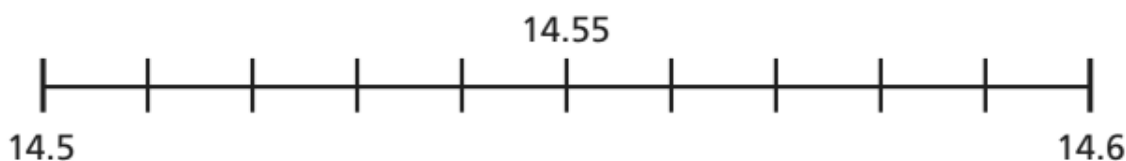
a) 7.23



The nearest tenth is

The nearest whole number is

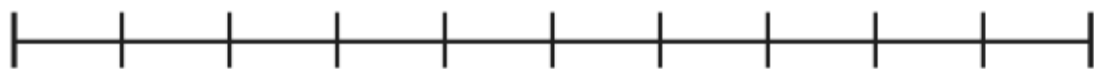
b) 14.56



The nearest tenth is

The nearest whole number is

c) 6.45



The nearest tenth is

The nearest whole number is

3

a) When rounding to the nearest tenth, how many digits will there be after the decimal point?

b) Round each number to one decimal place.

1.33

4.03

1.34

4.04

1.35

4.05

1.36

4.06

1.37

4.07

4

Round each number to the nearest tenth.

a) 4.21

d) 11.86

g) 12.92

b) 8.09

e) 5.67

h) 10.65

c) 4.84

f) 0.15

5

Circle each decimal that rounds to 6.2

6.32

6.23

6.27

6.17

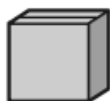
6.12

6.25

Explain your reasoning.

6

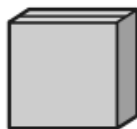
Here are the weights in kilograms of some parcels.



3.48 kg



1.42 kg



10.65 kg



1.03 kg

a) Round the weight of each parcel to 1 decimal place.

kg kg kg kg

b) The weight of each parcel has been rounded to the nearest 100g.

Is this true or false? _____

Talk about it with a partner.

7 Amir is thinking of a number.

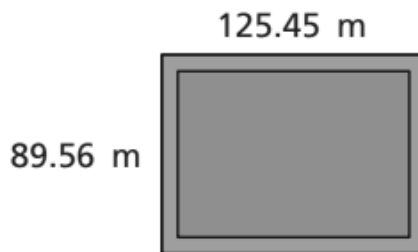
Rounded to the nearest whole his number is 5

Rounded to the nearest tenth his number is 4.8

Write at least four different numbers that Amir could be thinking of.

8 A farmer is building a new fence for her sheep field.

Here are the measurements.



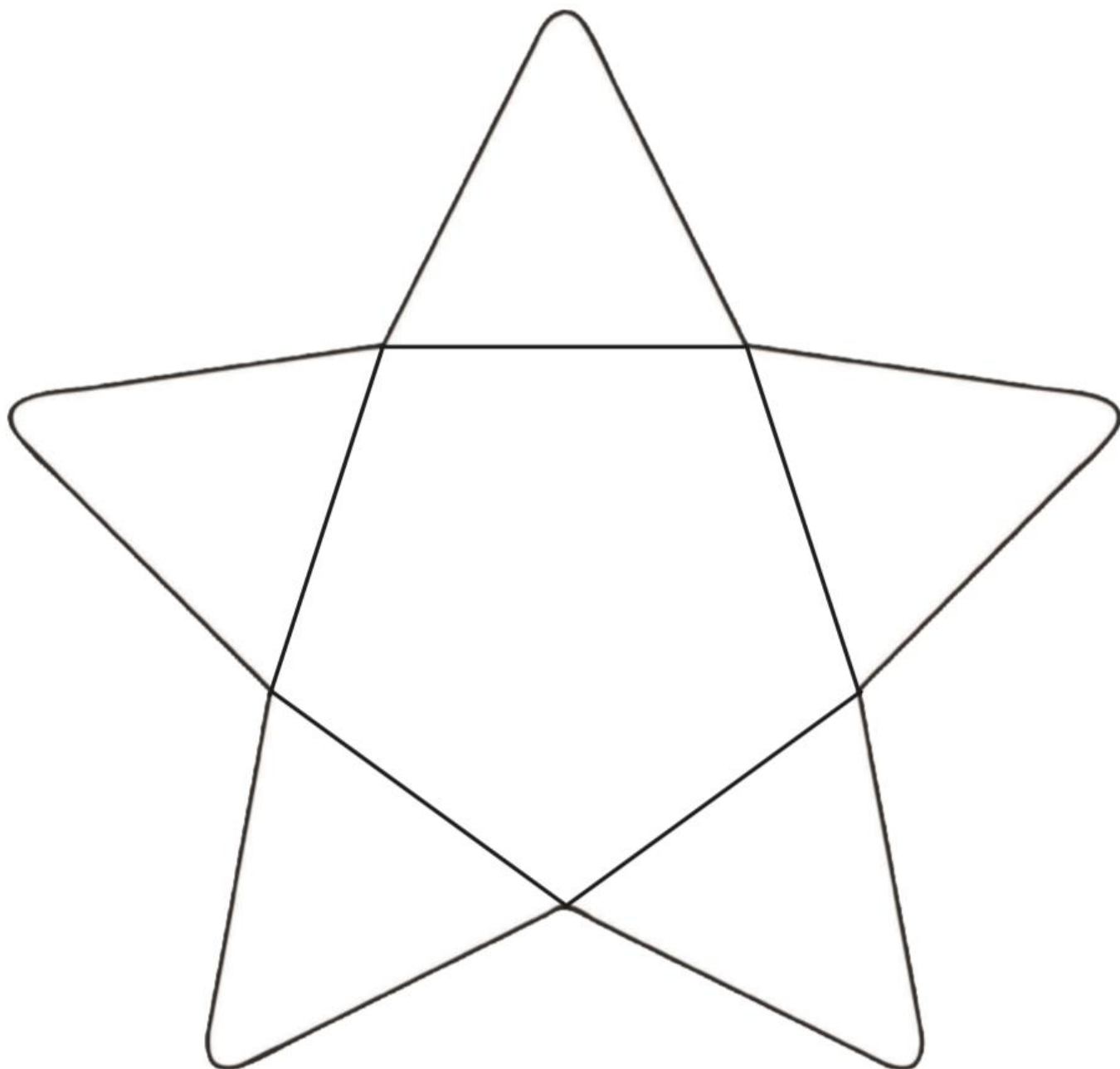
She wants to build a fence around the whole field.

Estimate how much fencing you think she will need.

My Strengths

What have you achieved? What are you good at? Which skills and interests do you have that make you, you? What do others like about you? Why are you special?

Record all your strengths on this star. If you get stuck, ask family and friends for their thoughts!



Inspirational Achievers

Many people have achieved their goals by overcoming obstacles or barriers to success along the way. Choose someone in the public eye, current or from the past, to research. Try to choose someone who inspires you because they succeeded in achieving their goal.

I have chosen to research _____

because _____

Their goal and how they achieved it:

Obstacles they encountered on their path to success and how they overcame them:

What I can learn from them:

ANSWERS

ANSWERS 10-4-10

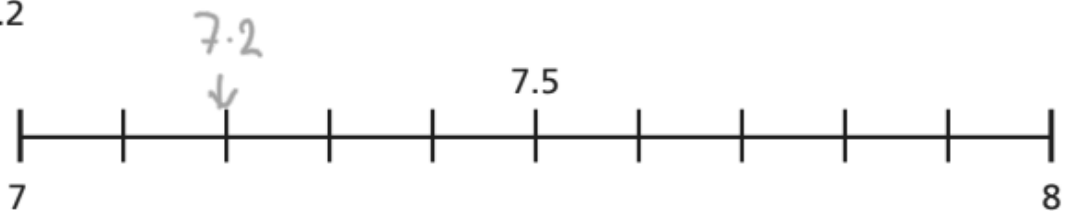
1. $456 \div 3 = 152$
2. $4^2 = 16$
3. $0.6 \times 4 = 2.4$
4. Write 45,608 in words = **forty-five thousand, six hundred and eight**
5. $34.78 + 56.1 = 90.88$
6. **2,895** = $3462 - 567$
7. $\frac{3}{4} + \frac{2}{3} = \frac{17}{12}$ **or equivalent**
8. A pen costs £4.60. How much will 2 pens cost? **£9.20**
9. A piece of rope measuring 4m is cut into 8 equal lengths. How long will each piece be? **50cm**
10. A plane journey takes $6\frac{1}{2}$ hours. If I set off at 8:40am, what time will I arrive? **3:10pm**

ANSWERS Rounding Decimals

1 Show the position of each number on the number line.

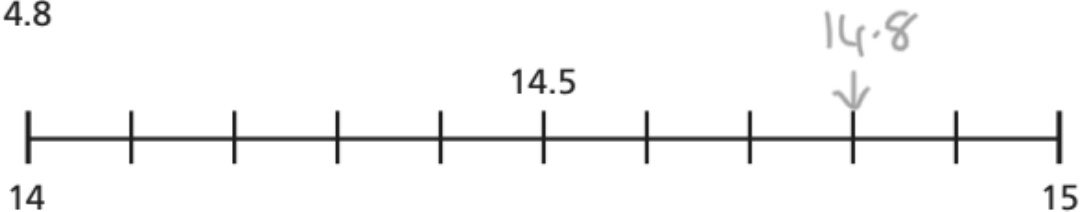
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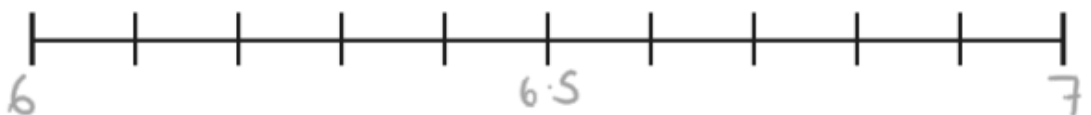
The nearest whole number is

b) 14.8



The nearest whole number is

c) 6.5

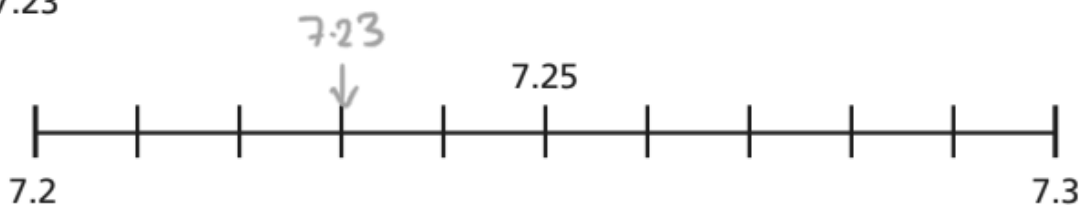


The nearest whole number is

2

Use the number line to round these decimal numbers to the nearest tenth and the nearest whole number.

a) 7.23



The nearest tenth is

The nearest whole number is

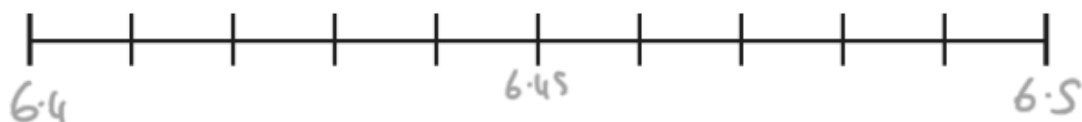
b) 14.56



The nearest tenth is

The nearest whole number is

c) 6.45



The nearest tenth is

The nearest whole number is

3

a) When rounding to the nearest tenth, how many digits will there be after the decimal point?

1

b) Round each number to one decimal place.

1.33

1.3

4.03

4.0

1.34

1.3

4.04

4.0

1.35

1.4

4.05

4.1

1.36

1.4

4.06

4.1

1.37

1.4

4.07

4.1

4

Round each number to the nearest tenth.

a) 4.21

4.2

d) 11.86

11.9

g) 12.92

12.9

b) 8.09

8.1

e) 5.67

5.7

h) 10.65

10.7

c) 4.84

4.8

f) 0.15

0.2

5

Circle each decimal that rounds to 6.2

6.32

6.23

6.27

6.17

6.12

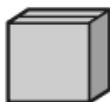
6.25

Explain your reasoning.

They are greater than 6.15 but less than 6.25

6

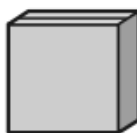
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b) The weight of each parcel has been rounded to the nearest 100g.

Is this true or false? true

Talk about it with a partner.

7 Amir is thinking of a number.

Rounded to the nearest whole his number is 5

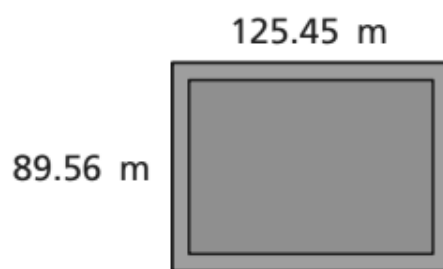
Rounded to the nearest tenth his number is 4.8

Write at least four different numbers that Amir could be thinking of.

e.g. 4.75, 4.79, 4.81, 4.84

8 A farmer is building a new fence for her sheep field.

Here are the measurements.



She wants to build a fence around the whole field.

Estimate how much fencing you think she will need.

$$\begin{array}{r} 125.5 + 89.6 + 125.5 + 89.6 \\ \hline = 251 + 179.2 \end{array} \quad 430.2\text{m}$$