SUBJECT: Maths

Week Commencing **6th July 2020**

Lesson 1

LO: To round within 100,000.

Arithmetic

Round the number of miles to the nearest thousand.

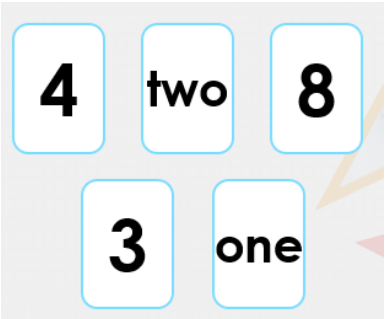
Destination	Miles from Manchester Airport	Miles to the nearest 1,000.
New York	3,334	
Sydney	10,562	
Hong Kong	5,979	
New Zealand	11,550	

Reasoning

True or false? All of these numbers will round to 8,000 when rounded to the nearest 1,000. • 8,120 • 7,934 • 7,556 • 8,653 • 8,368 **Explain your answer.**	**Answer box**

Challenge:

Using all 5 digit cards, write down all the numbers you can create which round to 28,000 when rounded to the nearest **thousand.**



How do you feel about this topic? Place a cross next to the face.

The part I need more help with is…

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Lesson 2

LO: To round within 100,000.

Arithmetic

Rounded to the nearest 1,000.	Start Number	Rounded to the nearest 10,000.
	15,999	
	28,632	
	55,555	
	36,174	

Reasoning

Which of the numbers below will round to 80,000 when rounded to the nearest 10,000? Explain how you know.	Answer box
84,449 **89,999** **85,102** **75,551** **79,999** **72,021** **74,968**	

Challenge

Which is the odd one out?

16,872

23,802

15,919

fourteen thousand, nine hundred

Answer box:

Explain your choice.

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Lesson 3

LO: To round within a million.

Arithmetic

Round the numbers below to the **nearest hundred thousand**. Look at the digit underlined to help you decide.

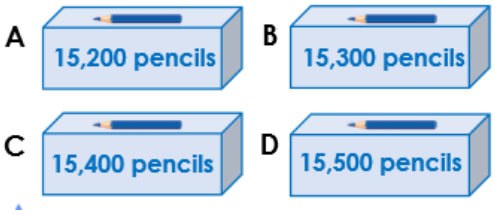
2<u>6</u>0, 534	
7<u>3</u>1, 056	
9<u>9</u>0, 462	
1<u>3</u>4, 229	
8<u>8</u>1, 307	

Reasoning

	Answer box
Round 59, 996 to the nearest 1000 Round 59, 996 to the nearest 10,000. **What do you notice about the answers?** **Can you think of three more numbers where the same thing could happen?**	

Challenge

1. A school needs 15,356 pencils. Which box should they order?



Explain your answer.

How do you feel about this topic? Place a cross next to the face.

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Lesson 4

LO: To round within a million.

Arithmetic

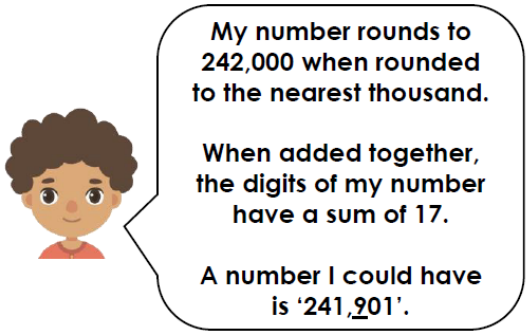
1) Find the numbers that round to 300,000 when rounded to the nearest 100,000.

200,981	305,000	290,810
345,101	350,000	265,009
319,999	271,002	333,333

Answer box:

Reasoning

2a. Amol is thinking of a number.



What other number could Amol have?
Is there more than one answer?

Answer box

Challenge

Complete the 'rounding' task that has been assigned to you on mathletics.

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Lesson 5

LO: To round within a million.

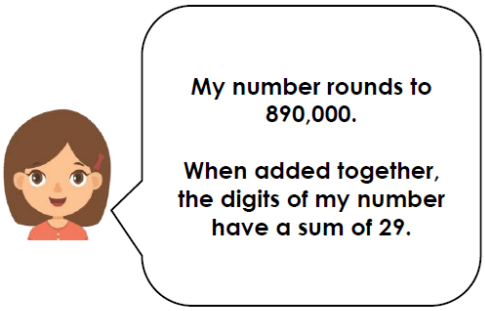
Round each number given to you to the nearest 10, 100, 1000, 10,000 and 100,000 – one has been done for you as an example.

Arithmetic

Number	Rounded to the nearest 10	Rounded to the nearest 100	Rounded to the nearest 1,000	Rounded to the nearest 10,000	Rounded to the nearest 100,000
545, 367	545,370	545, 400	545, 000	550,000	500,000
918, 211					
802, 371					
152, 423					
524, 631					
691, 107					

Reasoning

5b. Ellie is thinking of a number.



What is Ellie's number?
Is there more than one answer?

Answer box

Challenge

10a. Find the numbers that round to the same number when rounded to the nearest 100,000 or 1,000.

519,555	501,127	498,929
520,500	500,093	499,027
498,291	500,499	500,049

Answer box:

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