

## Round to the Nearest 10, 100 or 1000



1) Look at the number lines below.

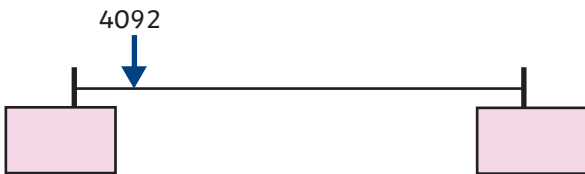
a) What is the multiple of 10 that comes before and after 4092?



b) What is the multiple of 100 that comes before and after 4092?



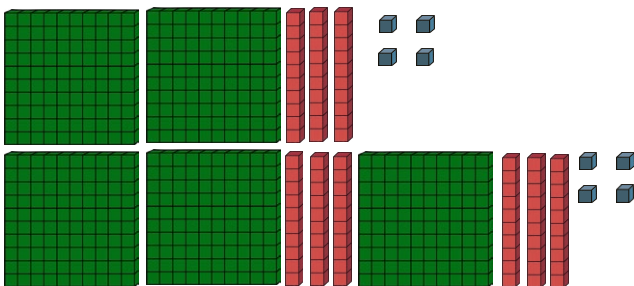
c) What is the multiple of 1000 that comes before and after 4092?



d) Use the number lines to round 4092 to the nearest 10, 100 and 1000.

2)

a) What number is represented?



b) Round this number to the nearest 10, 100 and 1000.

3) Drew raised £8735 for charity. Their mum rounded the amount to the nearest thousand.

How much money did Drew raise in total?



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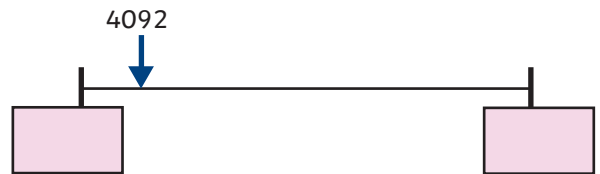
a) What is the multiple of 10 that comes before and after 4092?



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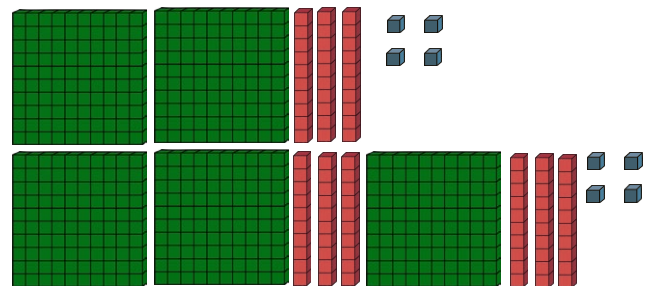
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## Round to the Nearest 10, 100 or 1000



1)



When rounded to the nearest 10, 100 or 1000 6997 will always round to 7000.

Felix

2) Are the following statements always, sometimes or never true? Explain your reasoning.

a) Any 4-digit number rounded to the nearest 1000 will have 4 digits.

b) When rounded to the nearest 10, a number will have a 0 in the ones column.

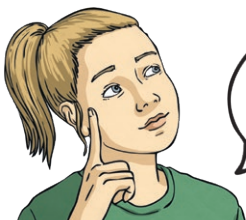
c) If a number is exactly the midpoint of two multiples of 100, it will be rounded to the multiple of 100 before it.

3) Explain the mistake each of the children has made.

4147 rounded to the nearest 1000 will be 4100.



Drew



6058, 5986 and 6508 all round to 6000 when rounded to the nearest 1000.

Emily



3445 rounded to the nearest 100 will be 3500.

Hari



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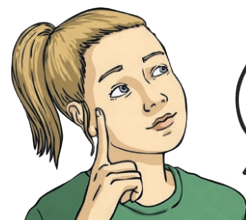
c) If a number is exactly the midpoint of two multiples of 100, it will be rounded to the multiple of 100 before it.

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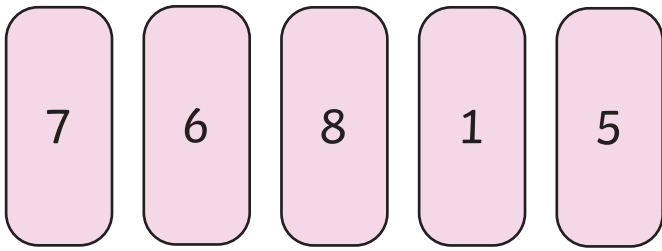
Hari



## Round to the Nearest 10, 100 or 1000



- 1) Use the digits cards to make 4-digit numbers that match these statements. Each digit card can only be used once in each number.



Find all possible combinations for each statement.

- a) To the nearest 1000, this number rounds to 8000.
- b) To the nearest 10, this number rounds to 5680.
- c) To the nearest 100, this number rounds to 7600.
- d) The largest 4-digit number you can make that is 5860 when rounded to the nearest 10 is...
- e) The smallest 4-digit number you can make that is 7000 when rounded to the nearest 1000 is...

2)



My number is an even 4-digit number that rounds to 3450 when rounded to the nearest 10.

Elias

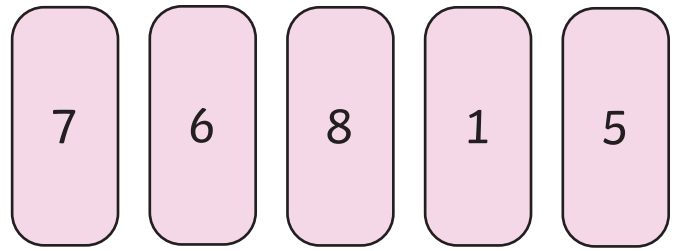
- a) Find all possibilities for Elias's number.
- b) Write your own guess my number problem for your friend to solve.



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