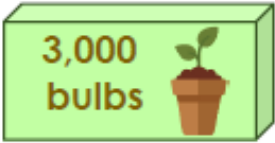
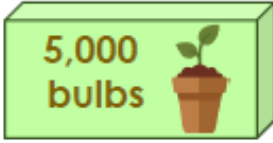
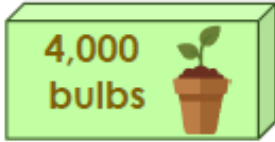
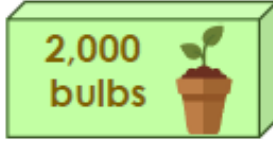


**Bronze**

1a. A stately home needs 3,654 bulbs. Which box should they order?

A  B   
 C  D 



VF

1a. Using all 4 digit cards, write down all the numbers you can create which round to 9,000 when rounded to the nearest 1,000.

**6** **3** **8** **9**

2a. Round the number of each type of book sold to the nearest 10,000.

Genre	Sales
Horror	14,634
Fantasy	53,896
Mystery	25,205





VF



PS

2a. The children are rounding the number 46,085 to the nearest 10,000.

It rounds to 40,000.   
 David

  
 Theresa

It rounds to 50,000.

Who is correct? Explain your answer.



R

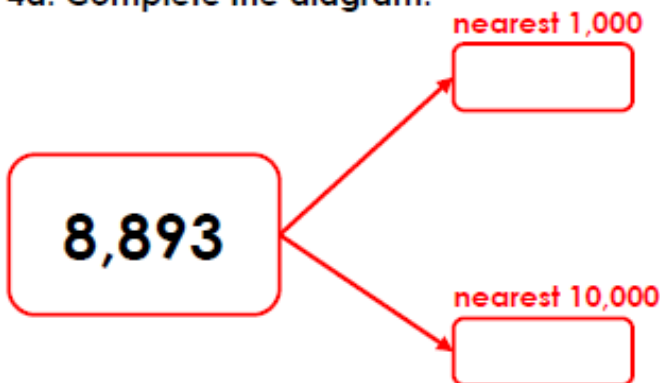
3a. Round each number to the nearest 1,000.

7,149	1,931
6,192	2,009



VF

4a. Complete the diagram.



3a. Which is the odd one out?

**17,032**

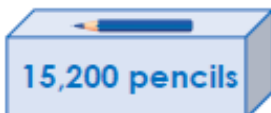
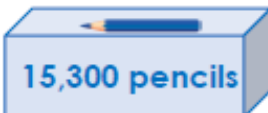
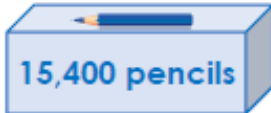
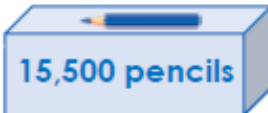
**1,700**

**16,899**

Explain your choice.



5a. A school needs 15,356 pencils. Which box should they order?

A  B   
 C  D 



VF

6a. Round the number of patients treated in each department to the nearest 1,000.

Patients	Votes
Drop In	93,706
A&E	69,476
X-Ray	fifty-four thousand, one hundred and six



VF

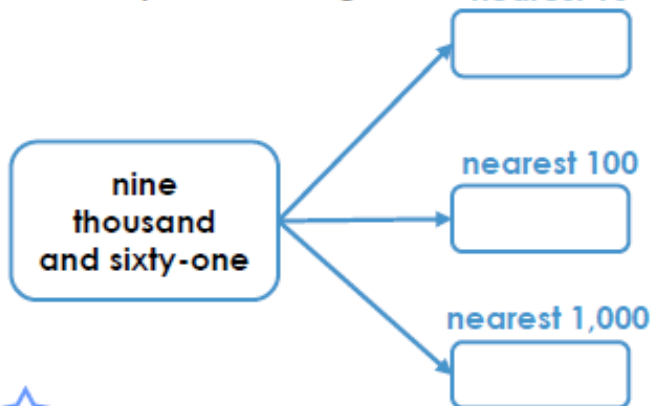
7a. Round each number to the nearest 10,000.

twelve thousand, nine hundred and thirty-one	<b>45,999</b>
<b>23,488</b>	sixty-five thousand, nine hundred and one



VF

8a. Complete the diagram.



4a. Using all 5 digit cards, write down all the numbers you can create which round to 33,000 when rounded to the nearest 1,000.

Digit cards: **7**, **two**, **8**, **3**, **one**



PS

5a. The children are rounding the number 25,984 to the nearest 10.

Jamie: My answer is 25,980.

Saff: I got twenty-five thousand, nine hundred.

Emmy: I think it is 25,800.

Who is correct? Explain your answer.



R

6a. Which is the odd one out?

**54,872**

fifty-four thousand, eight hundred and eighty-three

**54,899**

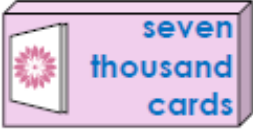



fifty-four thousand, eight hundred and forty-eight

Explain your choice.



**Gold**

9a. A nationwide florist needs 2,994 cards. Which box should they order?

A  B   
 C  D 



VF

10a. Round the number of each type of car sold to the nearest 1,000.

Car	Sold
4x4	MMLXXVI
Saloon	twenty-six thousand, six hundred and three
City	95,895



VF

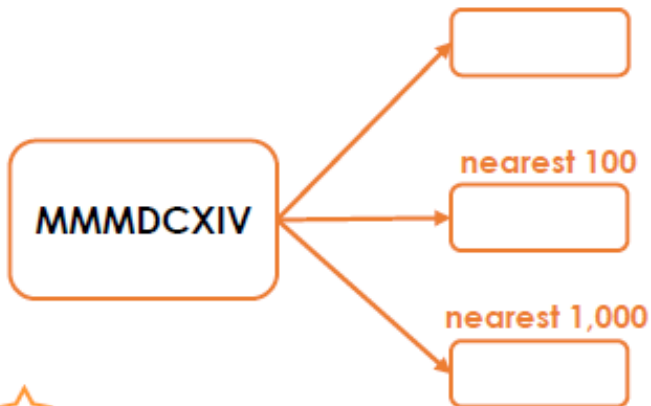
11a. Round each number to the nearest 10,000.

MDCCXLI	52,045
89,952	nine thousand, four hundred and seventy-two








VF

12a. Complete the diagram. **nearest 10**




7a. Using 5 of these 6 digit cards each time, write down all the numbers you can create which round to 82,600 when rounded to the nearest 100.


7    
  




PS

8a. The children are rounding the number MMMCMLXXXVI to the nearest 10.

J'nay:  My answer is 3,890.

Libby:  I think it is four thousand.

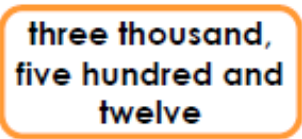



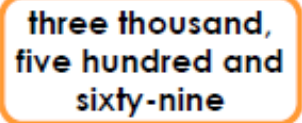

Leya:  I know it is 3,990.

Who is correct? Explain your answer.



R

9a. Which is the odd one out?

Explain your choice.

A

## Challenge

1. Millie is trying to solve this puzzle by using rounding.

Investigate the numbers Millie could use to solve the puzzle.



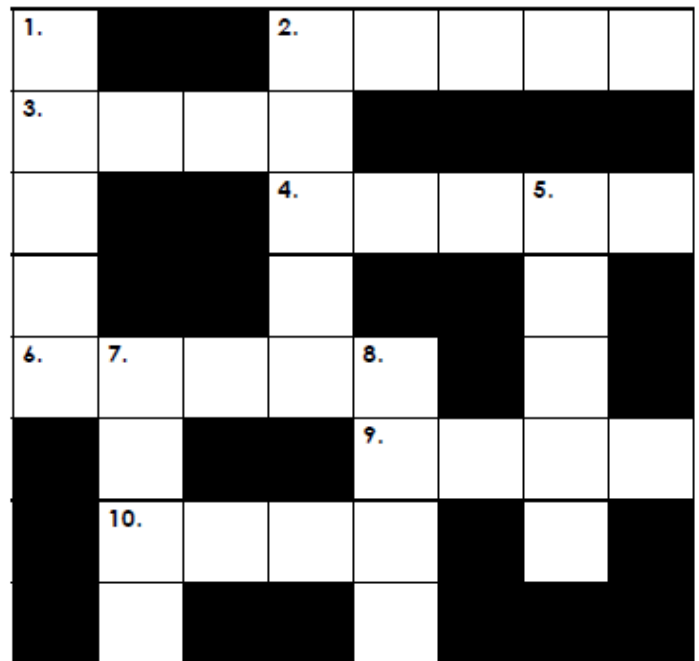
Clues:

**Down**

1. To the nearest 10,000, this number is 80,000
2. To the nearest 1,000, this number is 24,000
5. To the nearest 10, this number is 68,990
7. To the nearest 100, this number is 9,200
8. To the nearest 100, this number is 6,600

**Across**

2. To the nearest 10,000, this number is 30,000
3. To the nearest 1,000, this number is 8,000
4. To the nearest 100, this number is 55,700
6. To the nearest 10,000, this number is 90,000
9. To the nearest 100, this number is 5,100
10. To the nearest 100, this number is 9,500



DP

2. Bill is playing a game using rounding. The aim of the game is to make three different 5-digit numbers and place them on the grid to make three in a row. There are rules for each square on the grid.

Bill can only use these digits in his numbers:



Explore the numbers Bill could use.



To the nearest 1,000 the rounded number is less than 40,000	When rounded to the nearest 100, the number has exactly three zeros	When rounded to the nearest 1,000 there are 2 digits greater than 5
To the nearest 10,000 the number rounds to 80,000	When rounded to the nearest 100, the total of the digits is 13	When rounded to the nearest 1,000, the number has all even digits
When rounded to the nearest 1,000, the number is between 41,000 and 45,000	When rounded to the nearest 100, the number has 2 thousands	After being rounded to the nearest 10, all digits in the number are less than 7

DP