Rounding Numbers

Problem-solving questions

Challenge 1

1 Round each number to the nearest 10.

a) 54 _____   b) 99 _____   c) 76 _____

3 marks

2 Enrico is rounding numbers to the nearest 10.
Circle the numbers he will round to 80.

72   84   75   85   77
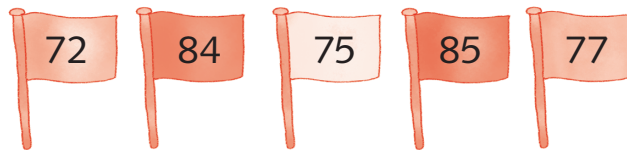
3 marks

PS **3** Jo estimates the answer to 52 + 74 by rounding both numbers to the nearest 10 and adding.

Write Jo's estimated answer. _____

1 mark

4 Round each number to the nearest 100.

a) 326 _____   b) 704 _____   c) 1477 _____

3 marks

Marks......... /10

Challenge 2

1 Round each number to the nearest 100.

a) 3783 _____   b) 6317 _____   c) 5078 _____

3 marks

2 Round 2628 to the:

a) nearest 10. _____

b) nearest 100. _____

c) nearest 1000. _____

3 marks

3 Round each number to the nearest 1000.

a) 4009 _____   b) 2505 _____   c) 8199 _____

3 marks

Rounding Numbers

4 Sean rounded a number to the nearest 100. His answer was 700.

Write three different numbers that Sean's number could have been.

_____   _____   _____

3 marks

Marks........./12

Challenge 3

1 Round each number to the nearest 1000.

a) 6043 _____   b) 789 _____   c) 3911 _____

3 marks

PS **2** Max has a secret number.
He rounds the number down to the nearest 1000, the answer is 7000.
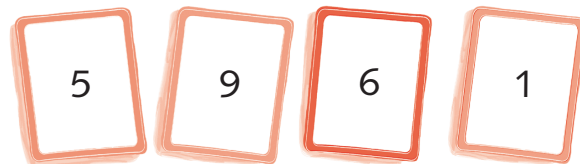He rounds the same number to the nearest 10, the answer is 7340.

Write a possible secret number. _____

1 mark

3 Oliver rounds numbers to the nearest 10.
Circle the numbers Oliver has rounded.

350   4005   6000   7900   10 101

3 marks

4 Eve has four numbers cards.
She makes four-digit numbers using the cards and rounds them to the nearest 1000.

5   9   6   1

Write the 4 four-digit numbers that Eve will round to 7000.

_____   _____   _____   _____

4 marks

Marks........./11

Total marks ..../33   How am I doing? 😊 😐 😣

Challenge 1
1. **a)** 50   **b)** 100   **c)** 80
2. 84, 75 and 77 circled
3. 120
4. **a)** 300   **b)** 700   **c)** 1500

Challenge 2
1. **a)** 3800   **b)** 6300   **c)** 5100
2. **a)** 2630   **b)** 2600   **c)** 3000
3. **a)** 4000   **b)** 3000   **c)** 8000
4. Any three numbers ≥650 but <750

Challenge 3
1. **a)** 6000   **b)** 1000   **c)** 4000
2. Any number ≥7335 but <7345
3. 350, 6000 and 7900 circled
4. 6951, 6915, 6591, 6519