



- 1 Write the number 62 to the nearest 10

(1 mark)

62 is between 60 and 70

The units digit is 2, which is less than 5, so round down to 60

60

- 2 Write the number 385 to the nearest 10

(1 mark)

385 is exactly halfway between 380 and 390

The units digit is 5, so round up to 390

390

- 3 Write the number 4278 to the nearest 100

(1 mark)

4278 is between 4200 and 4300

The tens digit is 7, which is 5 or more, so round up to 4300

4300

- 4 The attendance at a football match was 24617.

- a. Round 24617 to the nearest 100.
b. Round 24617 to the nearest 1000.

(2 marks)

a)

Tens digit is 1, round down

24600

b)

Hundreds digit is 6, round up

25000

- 5 Round 1450 to
- the nearest 100
 - the nearest 1000

(2 marks)

a)

Tens digit is 5, round up

1500

b)

Hundreds digit is 4, round down

1000

- 6 Estimate the value of $38 + 61 + 24$ by rounding each number to the nearest 10.

(2 marks)

$$38 \approx 40$$

$$61 \approx 60$$

$$24 \approx 20$$

$$40 + 60 + 20 = 120$$

120

- 7 Write the number 7849 to the nearest 100

(1 mark)

7849 is between 7800 and 7900

The tens digit is 4, which is less than 5, so round down to 7800

7800

- 8 Round 995 to the nearest 10.

(1 mark)

Units digit is 5, round up

$$990 + 10 = 1000$$

1000

- 9 Write the number 6499 to the nearest 1000

(1 mark)

6499 is between 6000 and 7000

The hundreds digit is 4, which is less than 5, so round down to

6000

6000

- 10 A newspaper says that "about 3500 people" came to a fair. The number was rounded to the nearest 100.

What is the smallest number of people who could have come?

(2 marks)

Halfway below 3500 is 3450

3450 rounds up to 3500

3449 rounds down to 3400

3450

- 11 Write the number 27 618 to the nearest 1000

(1 mark)

27 618 is between 27 000 and 28 000

The hundreds digit is 6, which is 5 or more, so round up to 28 000

28000