

1. Round the following numbers.



540 to the nearest 100

236 to the nearest 10

$1\frac{3}{4}$ to the nearest whole number

2 marks

2. Complete this table to show the numbers rounded to the **nearest 100**.

One has been done for you.



	rounded to the nearest hundred
316	300
3162	
31628	
316281	

2 marks

3. Write the number that is nearest to **5000** which uses all the digits **4, 5, 6** and **7**.



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1 mark

4.

Draw arrows.

rounded to the nearest **100** is



1070

3770

8200

8225

3600

1100

3680

8300

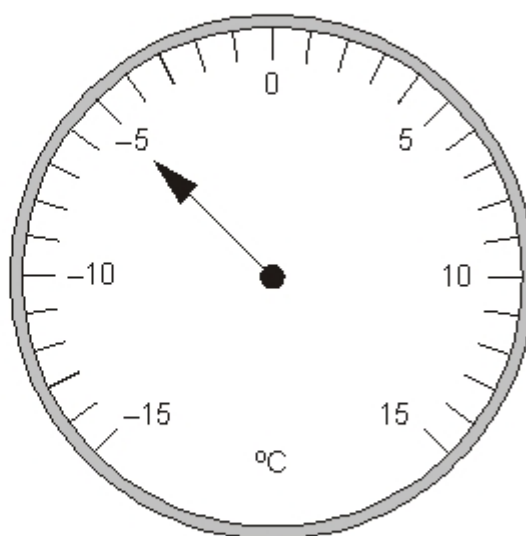
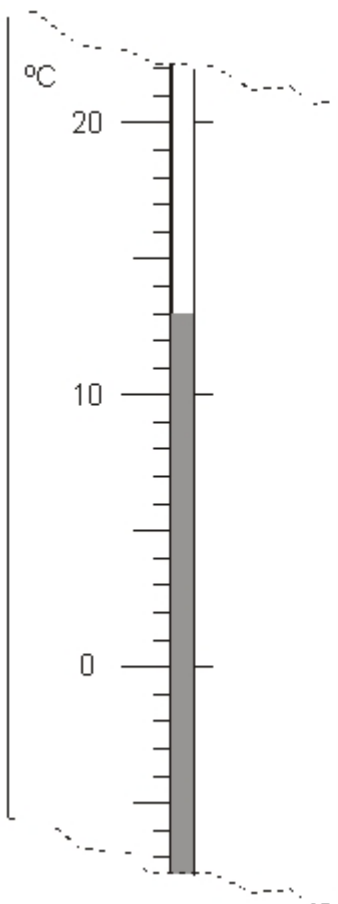
1000

1 mark

5.

Here are two thermometers.

They show two different temperatures.



What is the **difference** between the two temperatures?



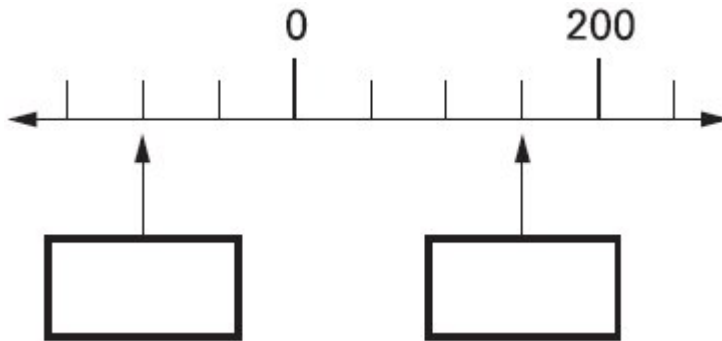
degrees

1 mark

6.

Here is part of a number line.

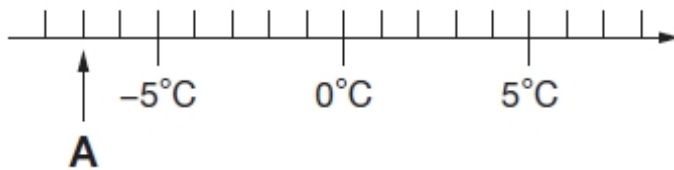
Write the missing numbers in the boxes.



2 marks

7.

Here is part of a temperature scale.



What is the temperature shown at **A**?


 °C

1 mark

What temperature is 20 degrees **higher** than **A**?


 °C

1 mark

8.



The temperature **inside** an aeroplane is **20 °C**.

The temperature **outside** the aeroplane is **−30 °C**.

What is the **difference** between these temperatures?



degrees

1 mark

Mark schemes

1. Award **TWO** marks for three numbers correct as shown:

500

240

2

If the answer is incorrect, award **ONE** mark for any two numbers correct.

Up to 2
[2]

2. Award **TWO** marks for three numbers correct as shown:

	rounded to the nearest hundred
316	300
3162	3200
31628	31600
316281	316300

If the answer is incorrect, award **ONE** mark for two numbers correct.

Up to 2
[2]

3.

4

7

6

5

[1]

4. 1070 → 1100
8225 → 8200
3680 → 3700

All correct for **1 mark**.

[1]

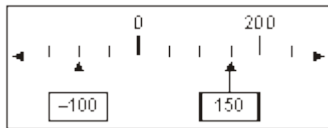
5. 18
Accept -18

[1]

6. (a) -100 written in the left-hand box.
Do not accept 100-

1

- (b) 150 written in the right-hand box.



1

[2]

7. (a) -7°C
Do not accept 7-

1

- (b) 13°C

*If (a) is negative allow follow through in part (b) for **ONE** mark.*

1

[2]

8. 50
Accept -50

[1]