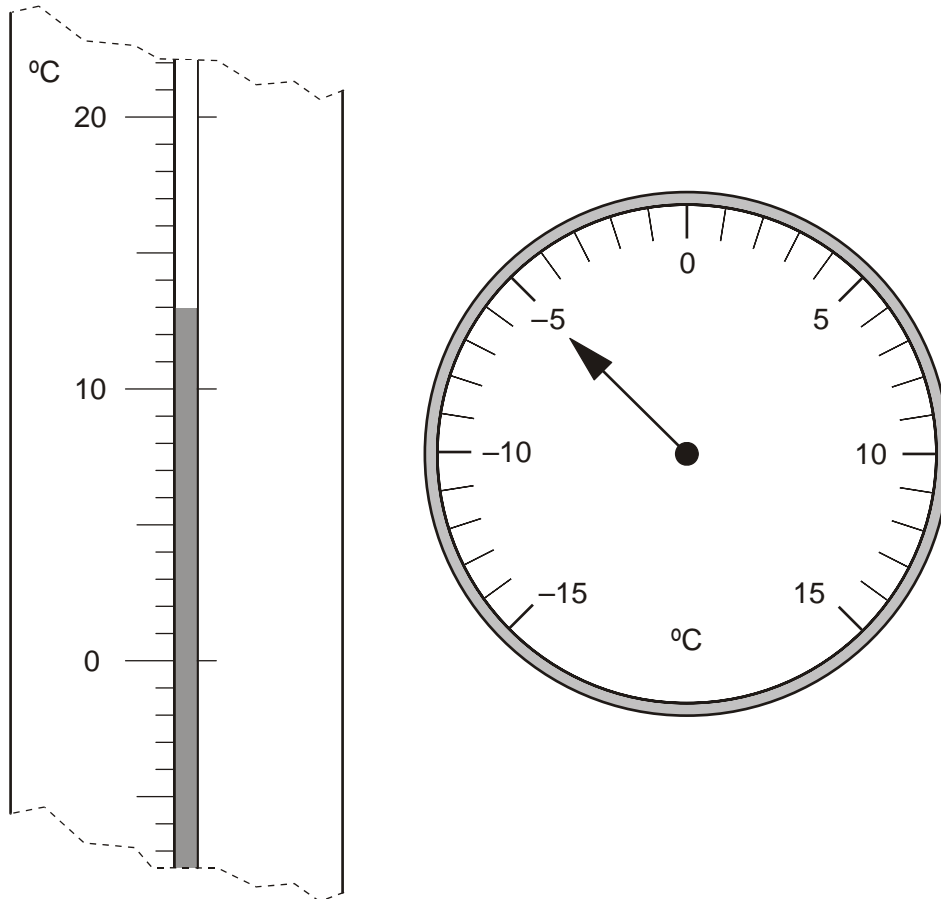



ADDITION & SUBTRACTION – level 4 questions

1. Here are two thermometers.

They show two different temperatures.



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



1 mark

2. Jamie, Kate and Hassan run a 50m race.




Kate's time is 13 seconds.

Jamie finishes 5 seconds before Kate.


Hassan finishes 3 seconds after Jamie.

What is **Hassan's time** in seconds?



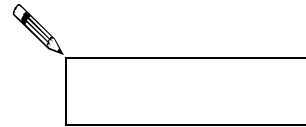
1 mark

3. Calculate **2006 – 289**



1 mark

4. Calculate $1202 + 45 + 367$



1 mark

5. Tick (✓) the **two** numbers which have a total of **10**

0.01

0.11

1.01

9.09

9.9

9.99

1 mark

6. Josh thinks of a number.




He adds 4

He multiplies his result by 3

Then he takes away 9


His final answer is 90

What number did Josh start with?



1 mark

7. Calculate $13.6 - 2.8$




1 mark

8. A shop sells three types of sunglasses.

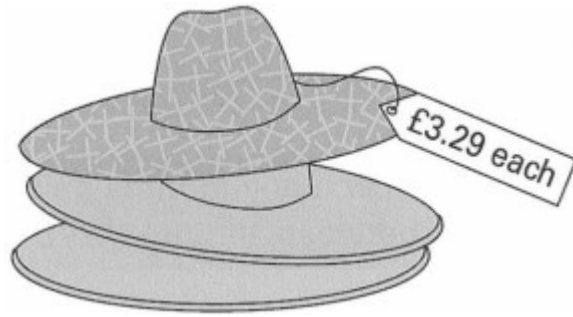


What is the **difference** in price between the **most** expensive and **least** expensive sunglasses?



1 mark

The shop also sells sun hats.



Ryan buys the **£4.69 sunglasses** and a **sun hat**.

How much change does he get from **£10**?

A large rectangular box for showing working. On the left side, there is a pencil icon and a speech bubble that says "Show your **working**. You may get a mark." with an arrow pointing to the right. In the bottom right corner of the large box, there is a smaller empty rectangular box.

2 marks

9. Here are three supermarket bills.


qfegggg	1.87
efewiwe	1.54
wefdf	1.95
efedgg	1.00
shagg	1.00
ewfew	1.55
fmkdf	1.87
sdd	1.98
euroe	1.65
poohw	1.99
Total £74.68	

qfegggg	1.87
efewiwe	1.54
wefdf	1.95
efedgg	1.00
shagg	1.00
ewfew	1.55
fmkdf	1.87
sdd	1.98
euroe	1.65
poohw	1.99
Total £65.90	

qfegggg	1.87
efewiwe	1.54
wefdf	1.95
efedgg	1.00
shagg	1.00
ewfew	1.55
fmkdf	1.87
sdd	1.98
euroe	1.65
poohw	1.99
Total £59.05	

Tom rounds each bill **to the nearest £10** and then adds them up.

What is the total amount that Tom gets?



1 mark

Mary adds up the three bills **exactly**.

What is the total difference between her total and Tom's total?

Show your **method**.
You may get a mark.

2 marks

10.




A bottle holds **1 litre** of lemonade.

Rachel fills **5** glasses with lemonade.

She puts **150 millilitres** in each glass.

How much lemonade is left in the bottle?



Show your **method**.
You may get a mark.

ml

2 marks

11. These are the prices in a fish and chip shop.

Fish.....	£1.95
Chips small bag.....	.55p
large bag.....	.70p
Peas.....	.38p

Luke has **£3**

He wants to buy one fish, peas and two large bags of chips.

How much **more** money does he need?

Show your **method**.
You may get a mark.

2 marks


12.



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

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

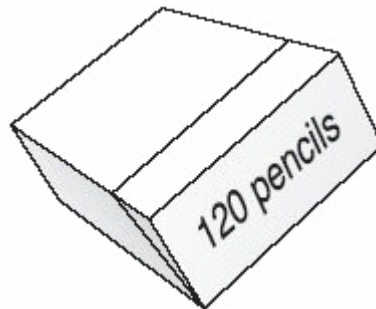
What is the **difference** between these temperatures?



degrees

1 mark

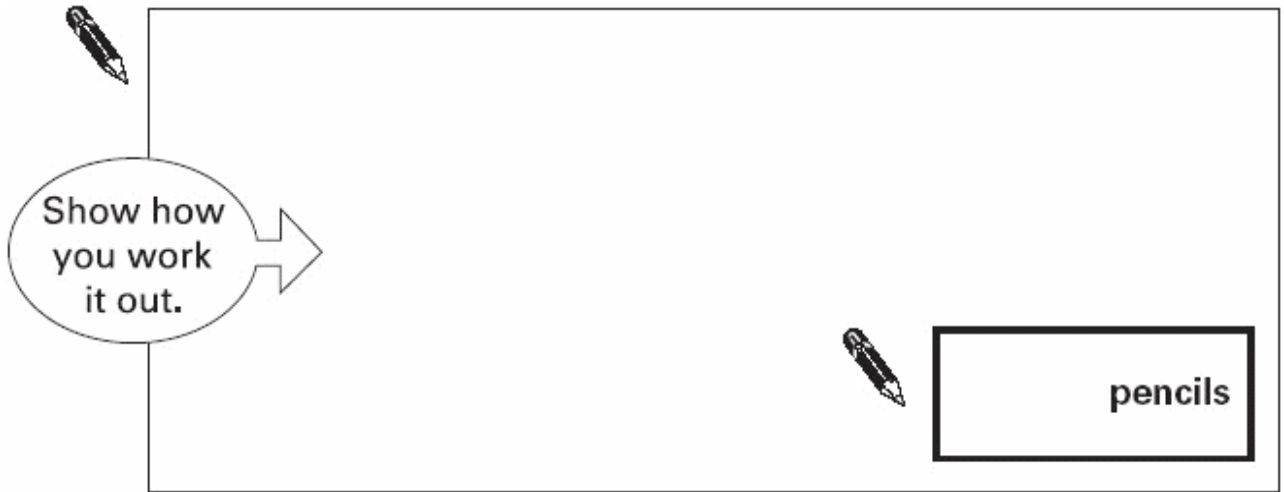
13. Miss Wood's class had 120 pencils at the start of the year.



12 children use 5 pencils each.

11 children use 4 pencils each.

How many pencils are left at the end of the year?

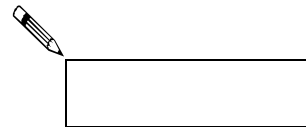


Show how you work it out.

pencils

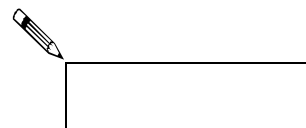
2 marks

14. Calculate $846 + 478$





1 mark

15. Calculate $8.52 - 7.78$





1 mark

16.  and  each stand for a different number.

$$\square = 34$$


$$\square + \square = \bigcirc + \bigcirc + \square$$

What is the value of  ?



1 mark

17. Calculate $6247 - 2752$



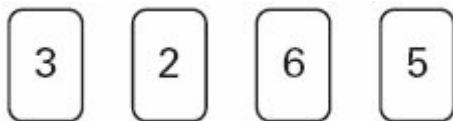
1 mark

18. Write the **same** number in each box to make this correct.


 + + = 10.5

1 mark

19. Here are four digit cards.



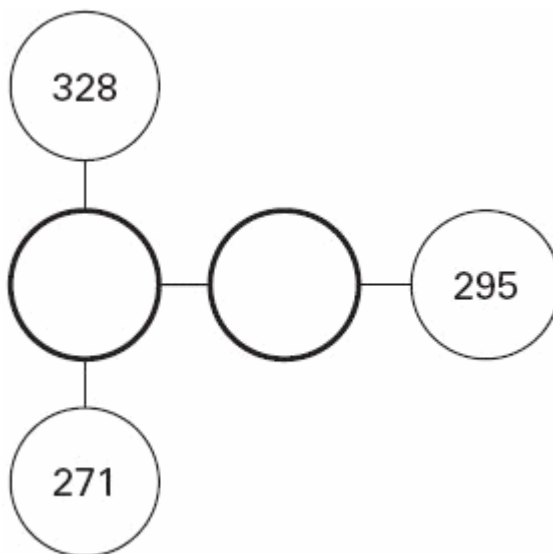
Write in **three** of the digits to make **the total nearest to 1000**

$$650 + \boxed{} =$$

1 mark

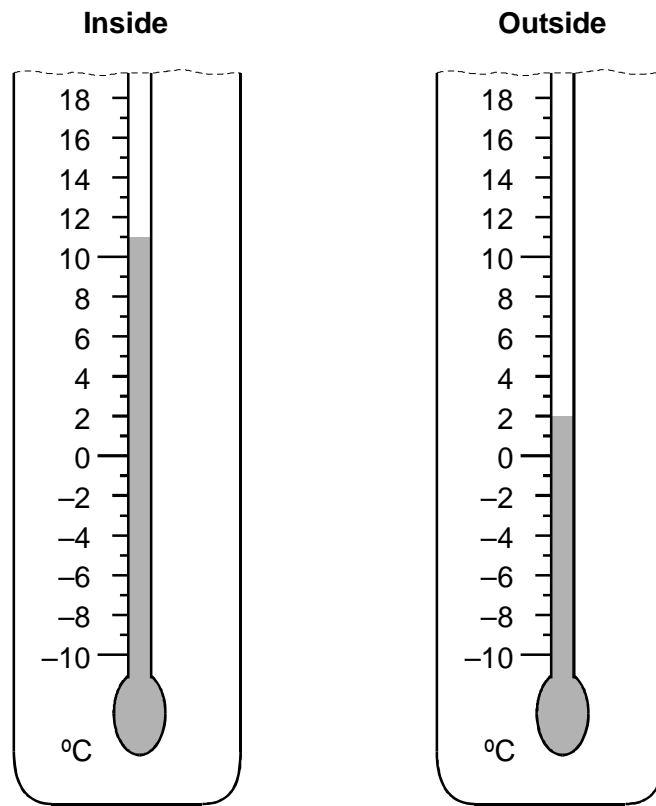
20. The three numbers on **each line** add up to **763**

Write in the missing numbers.




1 mark

21. Two thermometers show the temperature inside and outside a greenhouse on a day in January.



How many degrees **warmer** was it inside the greenhouse than outside?


 °C

1 mark

Later the temperatures were


inside	outside
-1°C	-8°C

What is the difference between these two temperatures?

 °C


1 mark

22. Calculate **1025 – 336**



1 mark

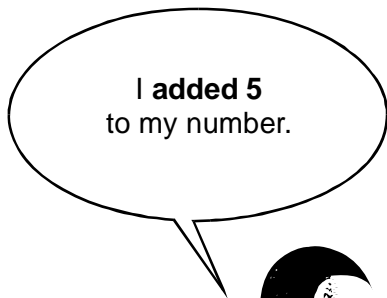
23. Write in the missing digits.



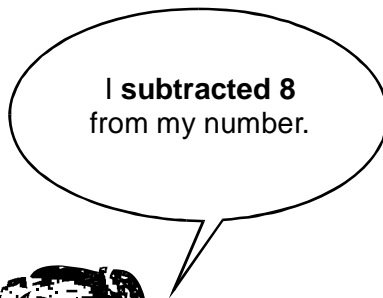
4	<input type="text"/>	4	+	3	8	<input type="text"/>	=	8	5	1
---	----------------------	---	---	---	---	----------------------	---	---	---	---

1 mark

24. Leon and Sara each started with **different** numbers.



Leon



Sara

Leon and Sara both get the **same** answer.

What numbers could they have started with?



Leon

Sara

1 mark

25. Nadia is working with **whole** numbers.

She says,

'If you add a two-digit number to a two-digit number you cannot get a four-digit number'.

Is she correct? Circle Yes or No.



Yes / No

Explain why.




.....

.....

.....

1 mark

26. Calculate **438 – 296**



1 mark

27. There are 104 children at Delton School

48 children are girls

(a) How many are boys?


1 mark

(b)

Explain how you worked this out.

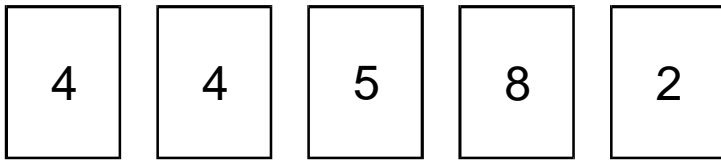
1 mark

28. Calculate $808 - 512$



1 mark

29. Here are five number cards.



Use all five cards to make an addition that has the **answer 500**

$$\begin{array}{r} \square \\ \square \\ \square \\ + \quad \square \quad \square \\ \hline 5 \quad 0 \quad 0 \end{array}$$

1 mark

30. Circle **two numbers** which have a **difference of 2**



-1 -0.5 0 0.5 1 1.5

1 mark

31. Write what the **two missing digits** could be.



$$\begin{array}{|c|c|c|} \hline \square & 6 & 2 \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline \square & 9 & 5 \\ \hline \end{array} = 757$$

1 mark