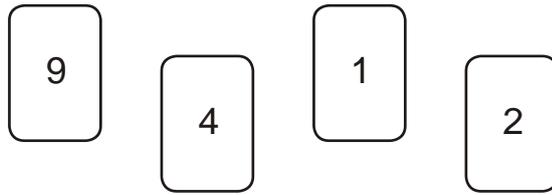
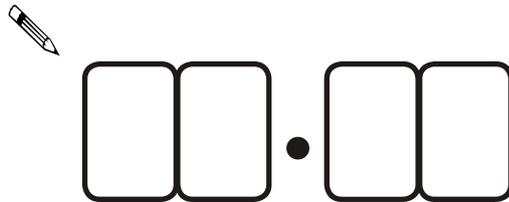


1. Here are four digit cards.



Use each digit card **once** to make the decimal number **nearest to 20**



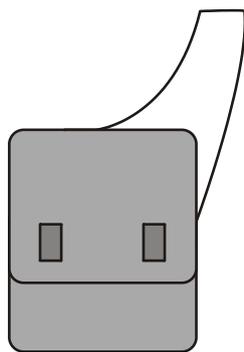
1 mark

2. How much less than 1000 is $9.7 \times 9.8 \times 9.9$?

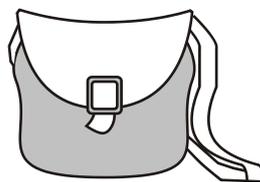


1 mark

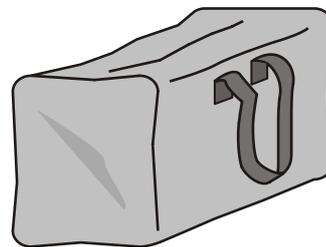
3. Here are three bags in a shop



A
£11.50



B
£14.65



C
£16.50

How much does bag B cost to the nearest pound?



£

1 mark

Jamie buys bag A and bag C.

How much change does he get from £40?



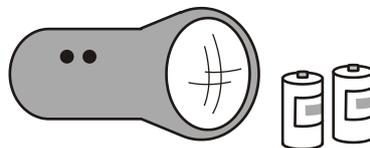
Show your **working**.
You may get a mark.

£

2 marks

4. A torch costs £7.65

Kate buys a torch and **two** batteries.



She pays £8.75 altogether.

How much does **one** battery cost?



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

£

2 marks

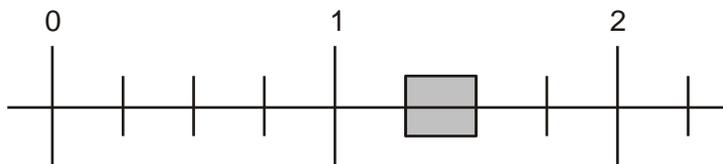
5. Circle all the numbers that are **greater than** 0.6



0.5 0.8 0.23 0.09 0.67

1 mark

6. Part of this number line is shaded.



Circle **all** the numbers below that belong in the shaded part of the number line.



1.1

1.4

$1\frac{1}{3}$

$1\frac{1}{5}$

1 mark

7. Write these numbers in order of size, starting with the smallest.

3.01

13.0

0.31

1.30

3.1



smallest

1 mark

8. Calculate $52.85 + 143.6$



1 mark

9. Write the answer to each of these calculations rounded to the **nearest whole number**.

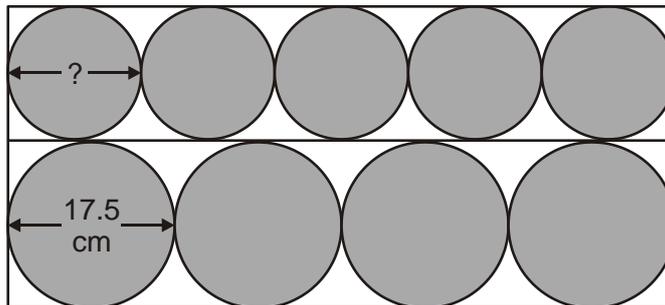
One has been done for you.



	To the nearest whole number
75.7×59	4466
$7734 \div 60$	
772.4×9.7	
$20.34 \times (7.9 - 5.4)$	

2 marks

10. Four large circles and five small circles fit exactly inside this rectangle.



Not actual size

The **diameter** of a large circle is **17.5** centimetres.

Calculate the **diameter** of a small circle.



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

2 marks

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

0.01

0.11

1.01

9.09

9.9

9.99

1 mark

12. 7.4 8.1 9.4 10

Which two of these numbers, when multiplied together, have the answer closest to 70?



and

1 mark

13. A shop sells three types of sunglasses.

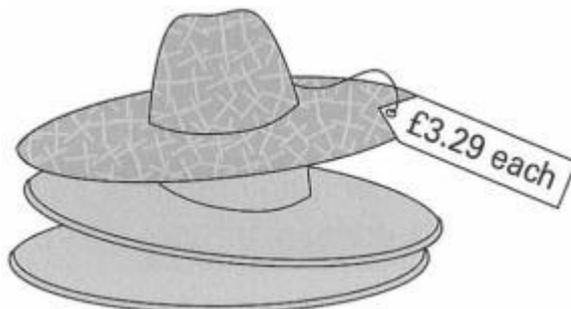


What is the **difference** in price between the **most** expensive and **least** expensive sunglasses?



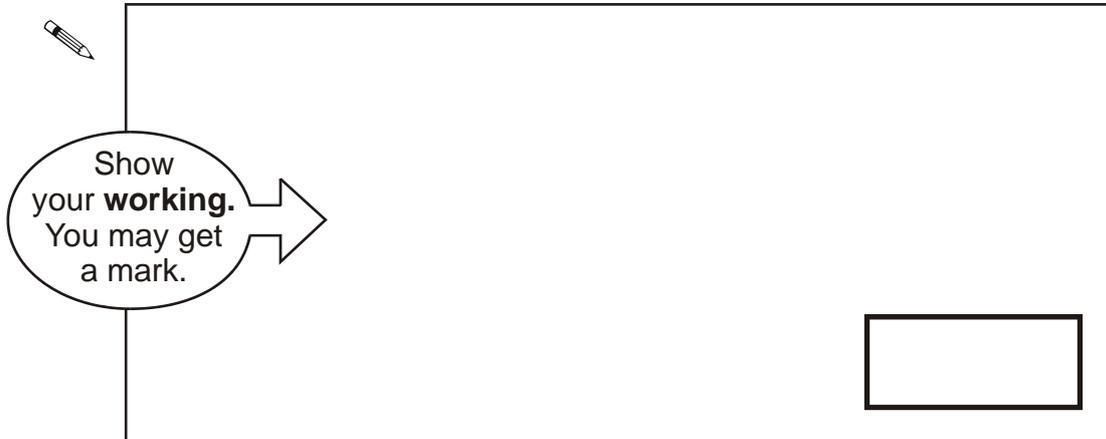
1 mark

The shop also sells sun hats.



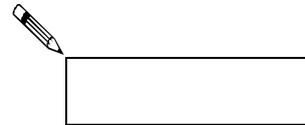
Ryan buys the **£4.69 sunglasses** and a **sun hat**.

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



2 marks

14. Calculate **31.6 × 7**



1 mark

15. Write in the missing numbers.


$$\boxed{} \div 21.7 = 37.5$$

1 mark

$$100 - (22.75 + 19.08) = \boxed{}$$

1 mark

16. Calculate **15.05 – 14.84**



1 mark

17. Write in the missing number.



$$32.45 \times \boxed{} = 253.11$$

1 mark

18. Use a calculator to work out **49.3 × (2.06 + 8.5)**



1 mark

19. Circle the number **closest** in value to **0.1**



0.01 **0.05** **0.11** **0.2** **0.9**

1 mark

20. Circle the two decimals which are **closest in value** to each other.



0.9 0.09 0.99 0.1 0.01

1 mark

21. Put a tick (✓) in **each row** to complete this table.

One has been done for you.



	greater than $\frac{1}{2}$	less than $\frac{1}{2}$
0.9	✓	
0.06		
$\frac{11}{20}$		
0.21		

2 marks

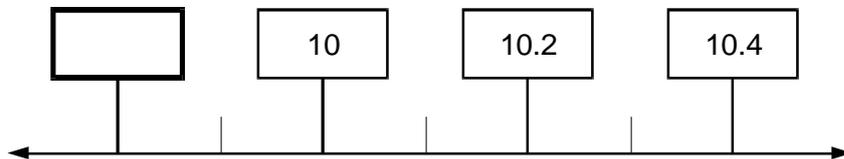
22. Circle **two numbers** which have a **difference of 2**



-1 -0.5 0 0.5 1 1.5

1 mark

23. Write in the **missing** number on this number line.



1 mark

24. Write **two decimals, each less than 1**, which multiply to make **0.1**



$$\boxed{} \times \boxed{} = 0.1$$

1 mark

25. Circle **two numbers** which **add** to make **0.12**



0.1 0.5 0.05 0.7 0.07 0.2

1 mark

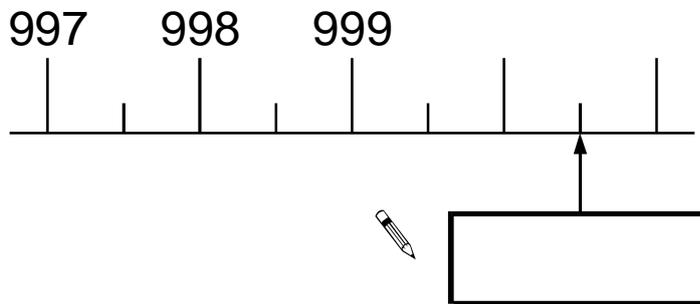
26. Calculate $8.6 - 3.75$



1 mark

27. Here is part of a number line.

Write the number shown by the arrow.



1 mark

28. Put a tick (✓) in the correct box for each calculation.

Use a calculator.

The first one has been done for you.



	less than 1000	equal to 1000	more than 1000
$8.9 \times 9.9 \times 11.9$			✓
$(786 - 387) \div 0.41$			
$95.4 + (91 \times 9.95)$			
$12.5 \times (21.1 + 58.9)$			

2 marks

29. Write three decimals, **each greater than zero**, which add together to make a total of **0.01**



$$\boxed{} + \boxed{} + \boxed{} = 0.01$$

1 mark