


1.

Small peaches
15p each



Large peaches
25p each



Emily has £5 to spend on peaches.

She decides to buy only small peaches or only large peaches.

How many **more** small peaches than large peaches can she buy for £5?

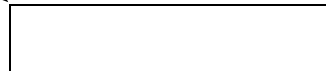


Show your **method**.
You may get a mark.



2 marks

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



1 mark

3. Find the multiple of 45 that is closest to 8000



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

2 marks

4. Write in the missing numbers.



$$\boxed{} + 75 = 90$$

1 mark

$$4 \times \boxed{} = 200$$

1 mark

5. Circle **one** number in **each** box to make a total of 1000



150
250
350
450

200
400

150
250
350
450

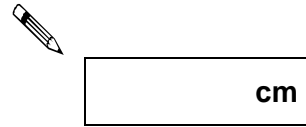
1 mark

6. Kate has a piece of ribbon **one metre** long.

She cuts off 30 centimetres.

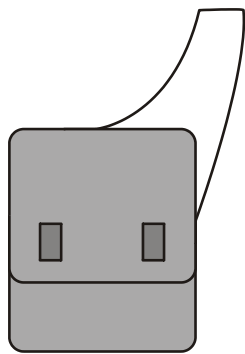


How many centimetres of ribbon are left?

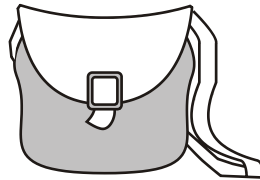


1 mark

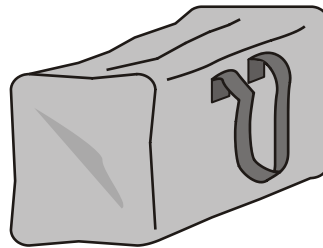
7. Here are three bags in a shop



A
£11.50

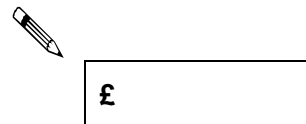


B
£14.65



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?



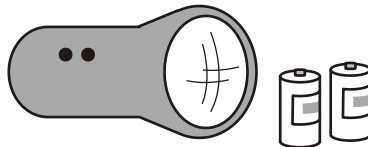
Show
your **working**.
You may get
a mark.

A large rectangular box for showing working. In the bottom right corner of this box is a smaller rectangular box containing the symbol £.

2 marks

8. 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

9. Calculate $17 \times 5 \times 4$



1 mark

10. Calculate $504 \div 21$



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

2 marks

11. The sum of two numbers is 100

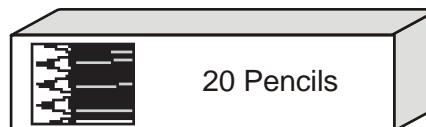
Write in the missing digits.

3		+		3	=	1	0	0
---	--	---	--	---	---	---	---	---

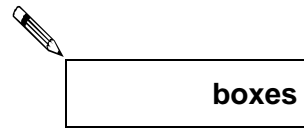
1 mark

12. 50 children need **two** pencils each.

There are 20 pencils in a box.

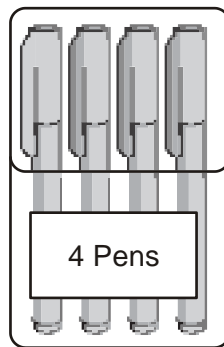


How many boxes of pencils are needed?



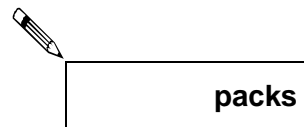
1 mark

50 children need **one** pen each.



Pens are sold in packs of 4

How many packs of pens need to be bought?



1 mark

13. The signs are missing from these number sentences.

Write in the missing signs, + - × or ÷

The first has been done for you.



$$6 \quad \textcircled{\times} \quad 5 = 40 \quad \textcircled{-} \quad 10$$

$$20 \quad \textcircled{\quad} \quad 8 = 4 \quad \textcircled{\quad} \quad 7$$

$$21 \quad \textcircled{\quad} \quad 3 = 15 \quad \textcircled{\quad} \quad 8$$

2 marks

14.



Kate and Jamie each have some money.

Altogether they have **£1.50**

Kate gives Jamie **10p** so that they both have the same amount.


How much money did each have at the start?

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

Kate had p Jamie had p

2 marks

15. Calculate $1.2 \times (1.3 + 1.4) \times 1.5$



1 mark

16.



The cost for using a minibus is £1.36 for each kilometre.

8 friends go on a 114 kilometre journey.

They share the cost equally.

How much does each person pay?



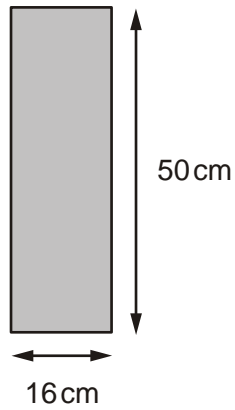
Show
your **method**.
You may get
a mark.

£

2 marks

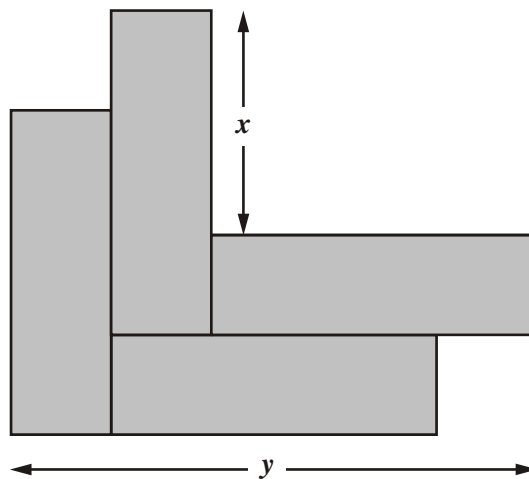
17. Kate has some rectangles.

They each measure 16 centimetres by 50 centimetres.



Not actual size

She makes this design with four of the rectangles.



Work out the lengths x and y .



$x =$ **cm**

1 mark


$y =$ **cm**

1 mark

18. Two whole numbers are each **between 50 and 70**

They multiply to make 4095


Write in the missing numbers.

 × = 4095

1 mark

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

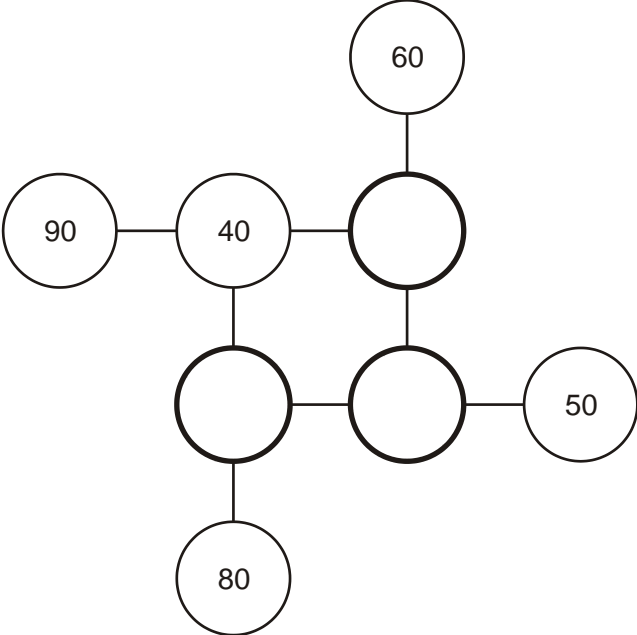
901 1091 910 109 190



smallest

1 mark

20. Complete this diagram so that the three numbers in each line add up to 150

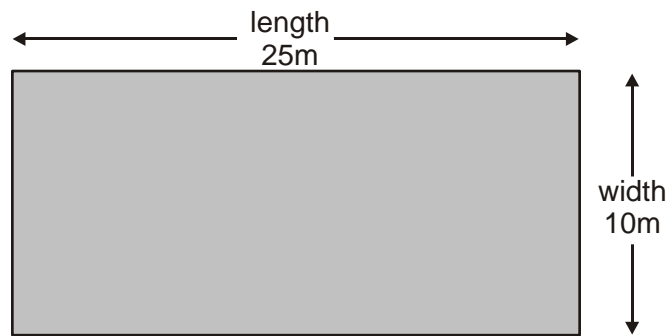


1 mark

21.



A rectangular swimming pool is 25 metres long and 10 metres wide.



David swims **5 lengths**.

Rosie swims **12 widths**.

How much **further** does David swim than Rosie?

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

metres

2 marks


22. Calculate **2006 – 289**

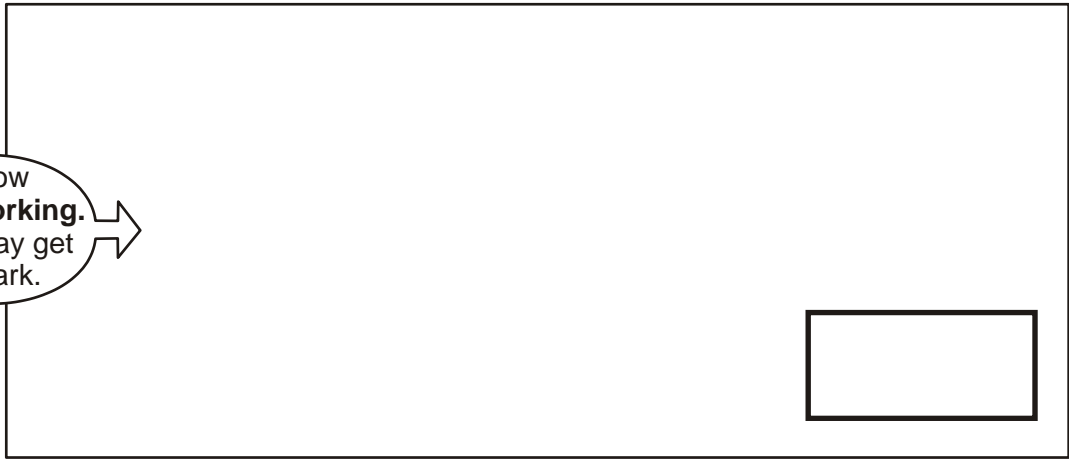
1 mark

23. Calculate **52.85 + 143.6**

1 mark

24. Calculate $848 \div 16$

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



2 marks

25. Write in the missing numbers.



$$35 \times \boxed{} = 140$$

1 mark

$$633 - \boxed{} = 34$$

1 mark

26. Draw one line from **each calculation** on the left to the correct box on the right.

One has been done for you.



11×11	greater than 100
$4 \times 5 \times 6$	less than 100
$56 + 27 + 17$	equal to 100
$835 - 745$	
$4000 \div 50$	

2 marks

27. Each missing digit in this sum is a **9** or a **1**

Write in the missing digits.

--	--

 +

--	--

 +

--	--

 = 201

1 mark

28. These are the prices in a shoe shop.



boots
£45.50




sandals
£12.75



trainers
£34.99

How much **more** do the boots cost than the trainers?

 ml

1 mark

Rosie buys a pair of trainers and a pair of sandals.

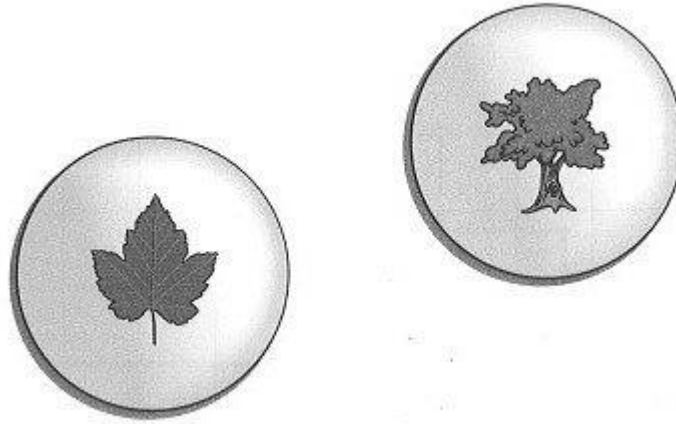
How much change she gets from **£50**?

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

£


2 marks

29. Forest School sells badges for charity.




For each badge sold, **£1.20** is given to a charity.

How much does the charity get when **12** badges are sold?



1 mark

If the charity got **£24**, how many badges were sold?




1 mark

30. Here is a number sentence.

$$\boxed{?} + 27 > 85$$

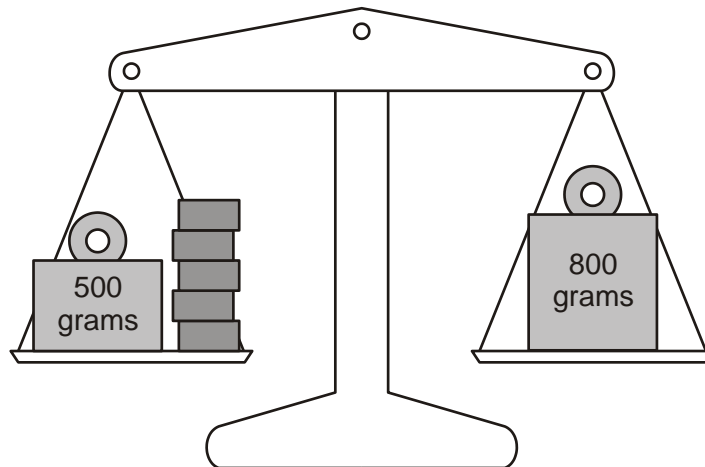
Circle **all** the numbers below that make the number sentence correct.

 30 40 50 60 70

1 mark

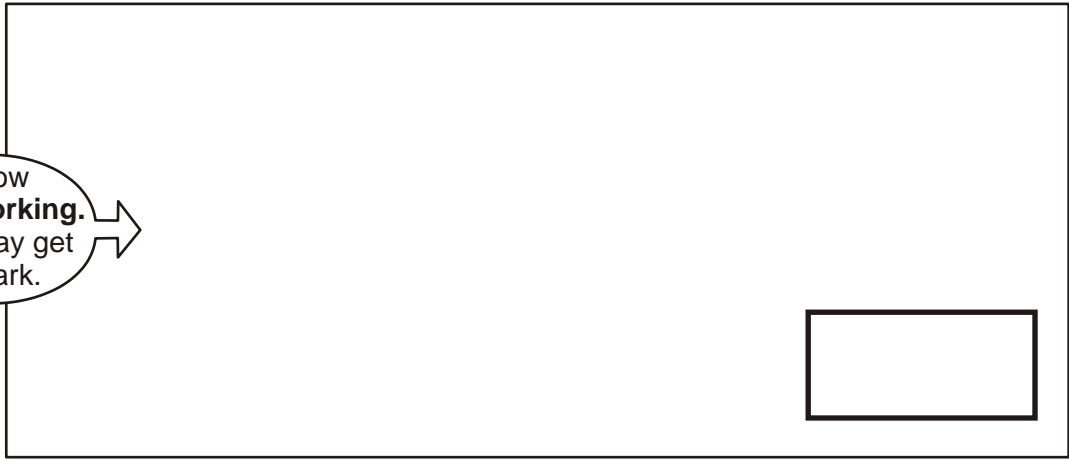
31. Lin has five blocks which are all the same.

She balances them on the scale with two weights.



Calculate the weight of **one** block.

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



2 marks

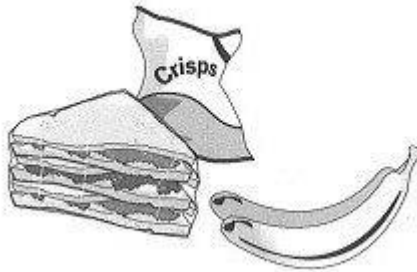
32. David and his friends prepare a picnic.

Each person at the picnic will get:

3 sandwiches

2 bananas

1 packet of crisps



The children pack **45** sandwiches.

How many **bananas** do they pack?

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

bananas

2 marks

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

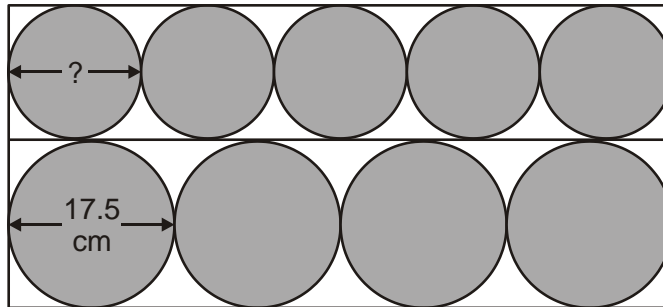
One has been done for you.



	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

34. 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.

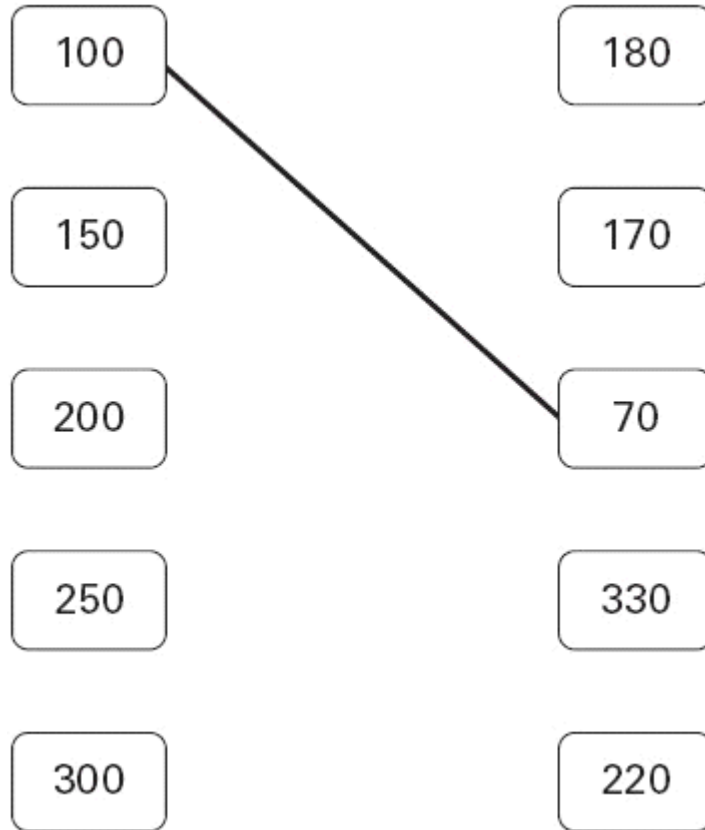


Show your **method**.
You may get a mark.

2 marks

35. Draw lines to join **all the pairs** of number cards which have a **difference of 30**

One has been done for you.



2 marks

36. Calculate **56 ÷ 4**

1 mark

37. A shop sells candles.



plain candles
35p each




star candles
60p each




stripe candles
85p each

Sapna buys 4 star candles and 2 stripe candles.

How much does she pay **altogether**?



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

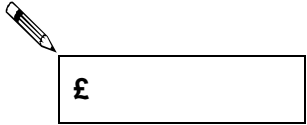


2 marks

Special offer
Buy 10 candles and get 50p off.

Josh buys **10** plain candles in the special offer.

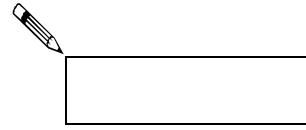
How much does he pay for the 10 candles?



£

1 mark

38. Calculate $1202 + 45 + 367$



1 mark

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

0.01

0.11

1.01

9.09

9.9

9.99

1 mark

40. Calculate 143×37

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

2 marks

41. Circle the numbers that add up to 100

 64 32 16 8 4 2 1

1 mark

42. 17 multiplied by itself gives a **3-digit** answer.

$$\begin{array}{|c|c|} \hline 1 & 7 \\ \hline \end{array} \times \begin{array}{|c|c|} \hline 1 & 7 \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 2 & 8 & 9 \\ \hline \end{array}$$

What is the **smallest** 2-digit number that can be multiplied by itself to give a **4-digit** answer?



$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} \times \begin{array}{|c|c|} \hline & \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array}$$

1 mark