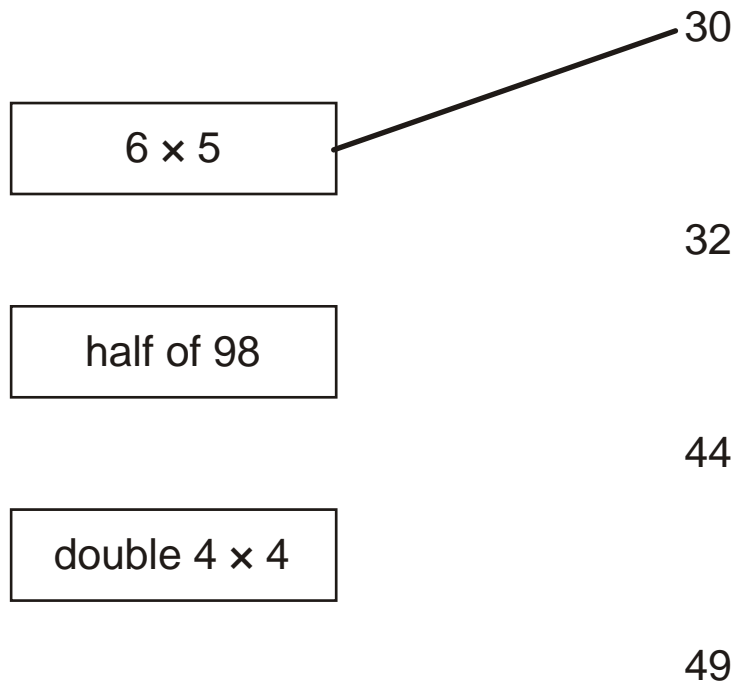


1. Join each box to the correct number.

One has been done for you.



1 mark

2. Calculate **239 + 182**



1 mark

3. Calculate **$364 \div 7$**



1 mark

4. Calculate **45.3×6**



1 mark

5. Ben thinks of a number.



He adds half of the number to a quarter of the number.

The result is 60

What was the number Ben first thought of?



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

A large rectangular box with a thin black border, intended for the student to show their working. It is connected to the 'Show your working' bubble by a line. Inside the bottom right corner of this box is a smaller, empty rectangular box for the final answer.

2 marks

6. Emily chooses two numbers.



She adds the two numbers together and divides the result by 2

Her answer is 44

One of Emily's numbers is 12

What is Emily's other number?



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

A large rectangular box for showing the method. On the left side, there is a speech bubble containing the text "Show your method. You may get a mark." with an arrow pointing into the box. In the bottom right corner of the large box, there is a smaller, empty rectangular box.

2 marks

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

A rectangular box for writing the answer to question 7.

1 mark

8. Write in the missing numbers.



$$+ 75 = 90$$

1 mark

$$4 \times$$

$$= 200$$

1 mark

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



150
250
350
450

200
400

150
250
350
450

1 mark

10. Write **one** number which fits **all three** of these statements.

It is a multiple of 4

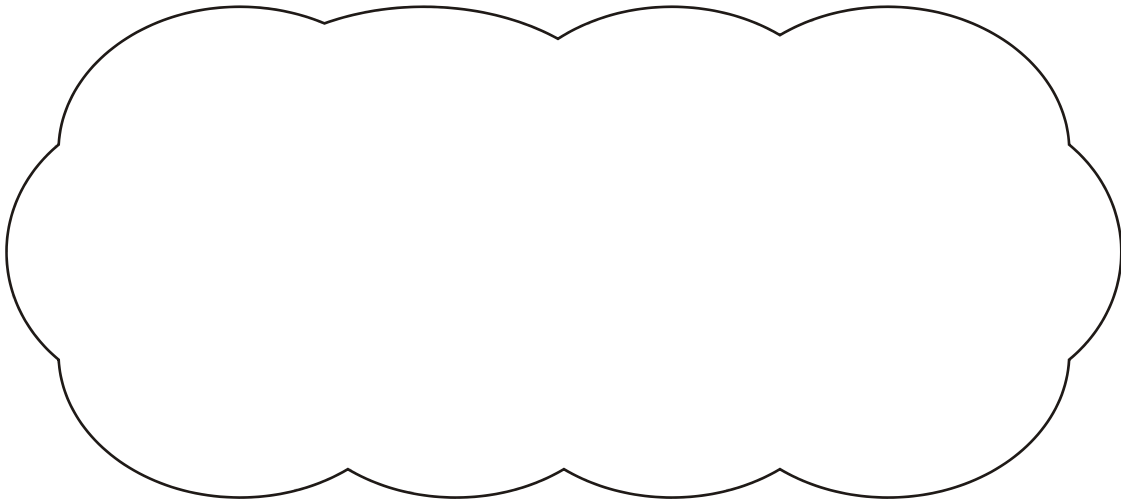
It is a multiple of 6

It ends in '8'



1 mark

Explain why a number which ends in '3' **cannot** be a multiple of 4

A large, cloud-shaped outline intended for a student to write their explanation.

1 mark

11. The signs are missing from these number sentences.

Write in the missing signs, + − × or ÷

The first has been done for you.



$$6 \quad \bigcirc \times \quad 5 = 40 \quad \bigcirc - \quad 10$$

$$20 \quad \bigcirc \quad 8 = 4 \quad \bigcirc \quad 7$$

$$21 \quad \bigcirc \quad 3 = 15 \quad \bigcirc \quad 8$$

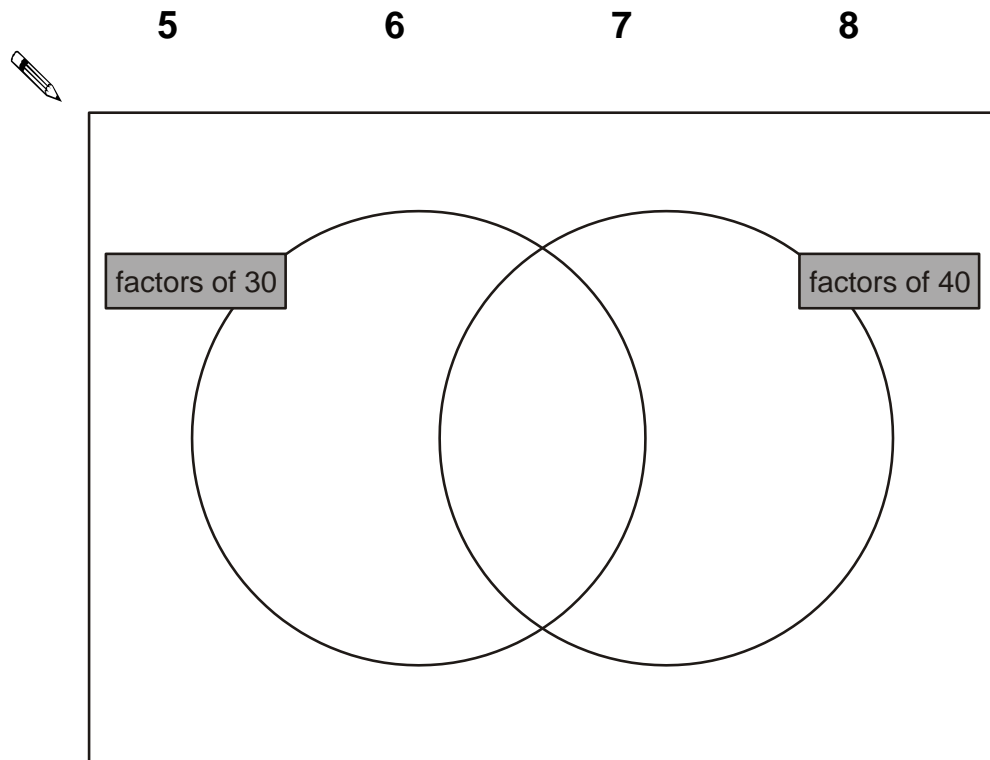
2 marks

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



1 mark

13. Write these numbers in the correct places on the diagram.



2 marks

14. Write in the missing numbers.



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

1 mark

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

1 mark

15. 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

16. Circle the **two** prime numbers.

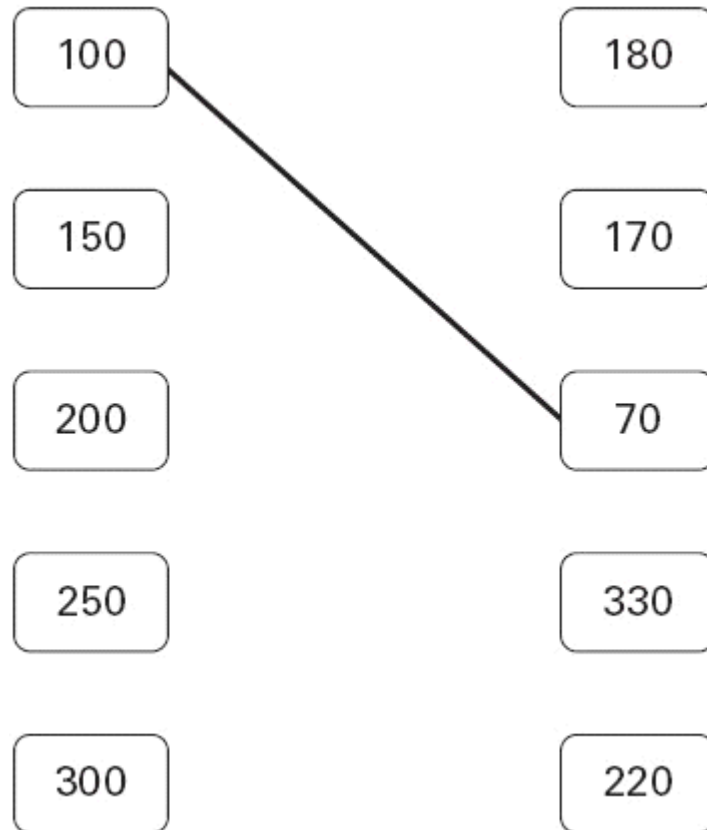


29 39 49 59 69

1 mark

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

One has been done for you.



2 marks


18. Circle **three** numbers that add to make a **multiple of 10**



11 12 13 14 15 16 17 18 19


1 mark

19. Calculate $56 \div 4$



1 mark

20. Calculate $1202 + 45 + 367$



1 mark

21. Calculate 143×37

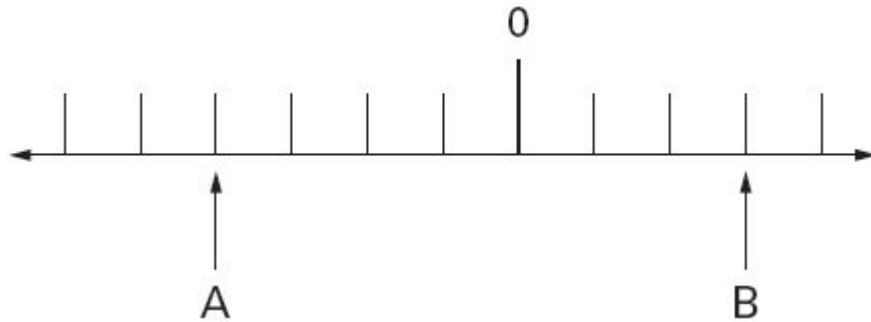


Show
your **working**.
You may get
a mark.





2 marks

22. **A** and **B** are two numbers on the number line below.



The **difference** between **A** and **B** is 140

Write the values of **A** and **B**.

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

A = B =

2 marks

23. Circle the numbers that add up to 100

 64 32 16 8 4 2 1

1 mark

24. Each missing digit in these calculations is 2, 5 or 7

Write in the missing digits.

You may use each digit more than once.



$$\boxed{} + \boxed{1}\boxed{8} = \boxed{}\boxed{}$$

$$\boxed{}\boxed{} \times \boxed{3} = \boxed{}\boxed{}$$

2 marks

25. 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

26. 7.4 8.1 9.4 10

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


 and

1 mark

27. Write in the missing numbers.


 + 85 = 200

1 mark

4 × = 120

1 mark

120 − 51 =

1 mark

28. Use **each** number card **once** to make the answer to each calculation an **even** number.

3

4

5



5

×

12

÷

9

+

2 marks

29. Calculate $13.6 - 2.8$



1 mark

30. Here is a sorting diagram for numbers.


Write a number **less than 100** in each space.



	even	not even
a square number		
not a square number		

2 marks


31. Write in the missing numbers in this multiplication grid.



×	5	<div></div>	<div></div>
4	20	36	32
<div></div>	35	63	56
<div></div>	30	54	48

2 marks

32. Calculate $900 \div (45 \times 4)$



1 mark

33. Liam thinks of a number.



He **multiplies the number by 5** and then **subtracts 60** from the result.

His answer equals the number he started with.

What was the number Liam started with?



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




2 marks

34. Write in the missing numbers.



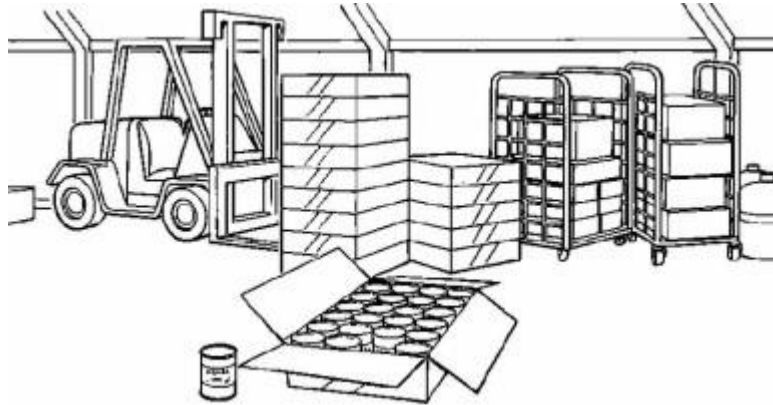
$$3 \times 4 \times \boxed{} = 96$$

1 mark

$$+ 62 - 46 = 96$$

1 mark

35.



In a supermarket storeroom there are

7 boxes of tomato soup

5 boxes of pea soup

4 boxes of chicken soup

There are **24 tins** in every **box**.

How many **tins** of soup are there **altogether**?



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





2 marks

36. Write in the missing numbers.



$$\div 21.7 = 37.5$$

1 mark

$$100 - (22.75 + 19.08) =$$

1 mark

37. Here are five number cards.

A and B stand for two **different** whole numbers.

The sum of all the numbers on all five cards is 30

What could be the values of A and B?

A =

B =

1 mark

38. Write the **largest** whole number to make this statement true.



50

+

<

73

1 mark

39. A sequence of numbers starts at 11 and follows the rule

'double the last number and then subtract 3'

11 19 35 67 131 ...

The sequence continues.

The number 4099 is in the sequence.

Calculate the number which comes immediately **before 4099** in the sequence.



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





2 marks

40. Write in the missing numbers.


$$55 + \boxed{} = 120$$

1 mark

$$600 \times 4 = \boxed{}$$

1 mark

41. Calculate **309 – 198**



1 mark

42. Each of these bags contains **£1.60**

Each bag contains only one type of coin.



Complete this table to show how many coins are in each bag.

One has been done for you.



Type of coin	Number of coins
1p	160
10p	
20p	

1 mark

43.



Tom and Nadia have 16 cards each.

Tom gives Nadia 12 of his cards.

How many cards do Tom and Nadia each have now?



Tom

Nadia

1 mark

Lucy also has 16 cards.


She gives a quarter of her cards to Kiran.

How many cards does Lucy give to Kiran?



1 mark

44. Calculate 2307×8



1 mark

45. Here are four digit cards.

7

5

2

1

Choose two cards each time to make the following two-digit numbers.

The first one is done for you.



an even number

5

2

a multiple of 9

a square number

a factor of 96

2 marks

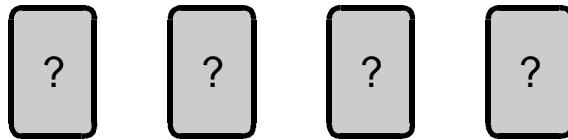
46. Write in the missing number.

 50 \div $=$ 2.5

1 mark

47. Debbie has a pack of cards numbered from 1 to 20

She picks four different number cards.




Exactly three of the four numbers are multiples of 5

Exactly three of the four numbers are even numbers.

All four of the numbers add up to less than 40

Write what the numbers could be.



1 mark

48. Write in the missing numbers.

 $37 \times \boxed{} = 111$

1 mark

$225 - \boxed{} = 150$

1 mark


$\boxed{} \div 4 = 21$

1 mark

49. Here are five digit cards.



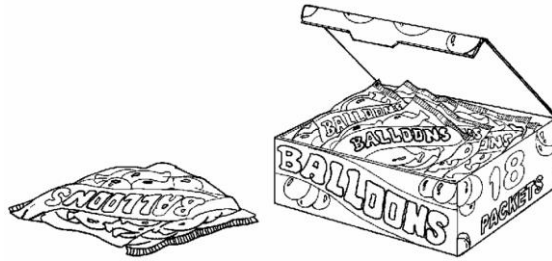
Use all five digit cards once to make this sum correct.


$$\begin{array}{r} \boxed{} \\ \boxed{} \boxed{} \\ + \boxed{} \boxed{} \\ \hline 60 \end{array}$$

1 mark

50. There are **5 balloons** in a **packet**.

There are **18 packets** in a **box**.

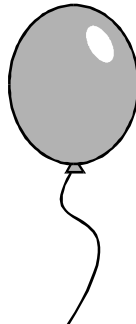


How many balloons are there altogether in a **box**?

A pencil icon pointing to a rectangular box for the answer.

1 mark

There are 5 balloons in a packet.




Kofi needs **65 balloons**.

How many **packets** does he need?

A pencil icon pointing to a rectangular box for the answer.

1 mark

51. Write what the **three** missing digits could be in this calculation.



--	--

 \times

--

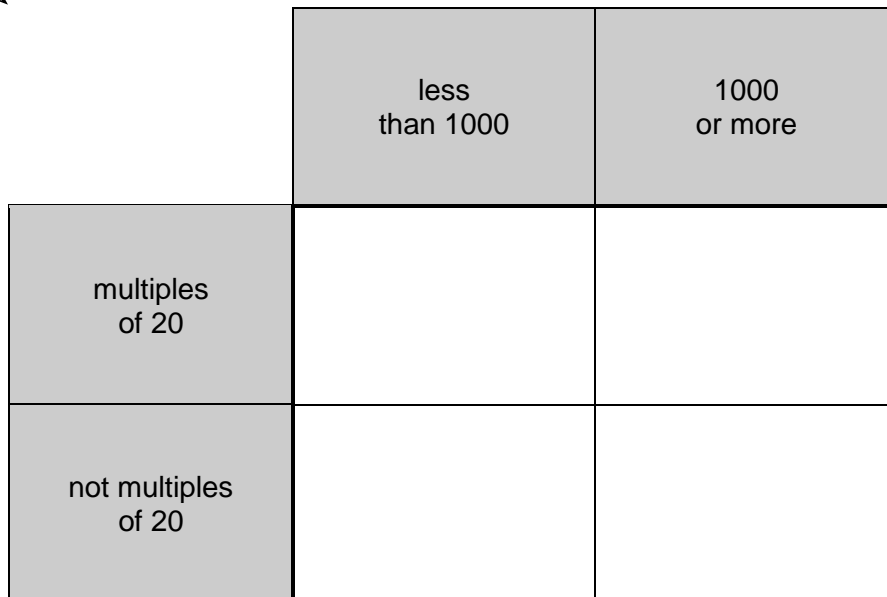
 $=$

3	7	8
---	---	---

1 mark

52. Here is a diagram for sorting numbers.

Write **one number** in each white section of the diagram.



2 marks

53. In this sequence each number is double the previous number.

Write in the missing numbers.



--

--

 3 6 12 24 48

--

2 marks

54. **k**, **m** and **n** each stand for a whole number.


They add together to make 1500

$$k + m + n = 1500$$

m is **three times** as big as **n**.

k is **twice** as big as **n**.

Calculate the numbers **k**, **m** and **n**.



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

k =

m =

n =

2 marks

55.



Cheddar cheese costs £7.50 for 1kg.

Marie buys 200 grams of cheddar cheese.

How much does she pay?

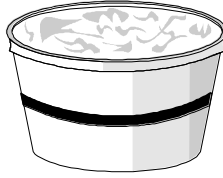


£

1 mark

Cream cheese costs £3.60 for 1kg.

Robbie buys a pot of cream cheese for 90p.



How many grams of cream cheese does he buy?

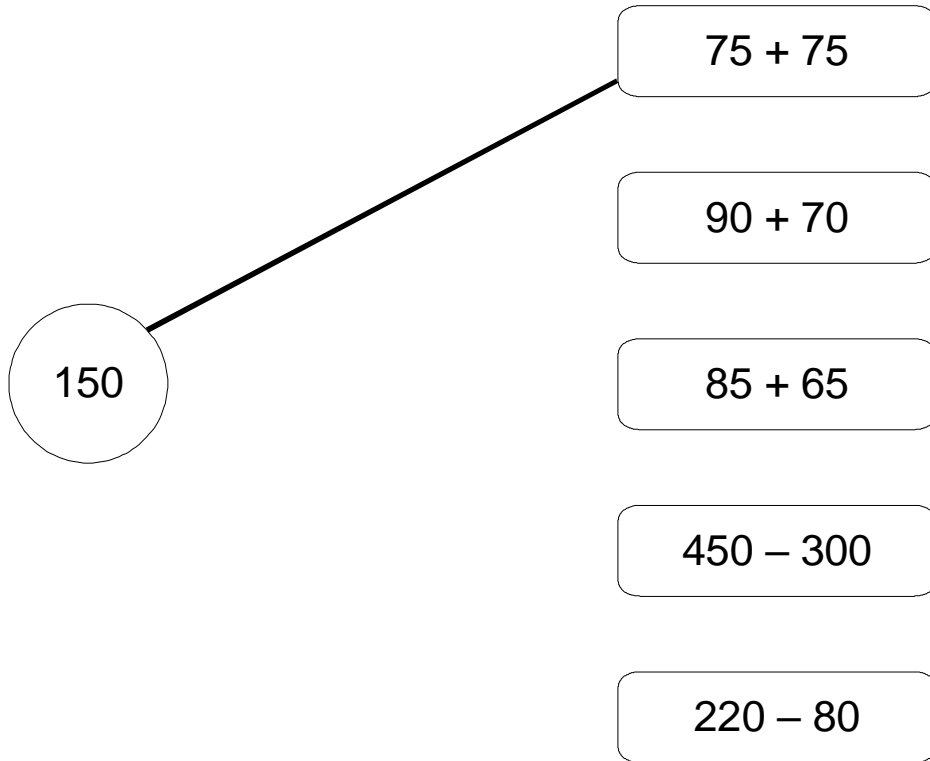


Show your **method**.
You may get a mark.

grams

2 marks

56. Draw lines to join the circle to **two more** number cards which make **150**



2 marks

57. Write in the missing numbers.



$$5 \times 70 = \boxed{}$$

1 mark

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

1 mark

58. Circle all the **multiples of 8** in this list of numbers.



18

32

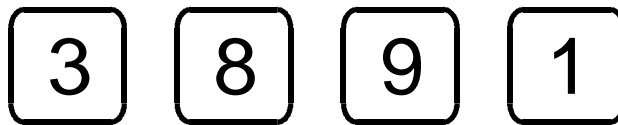
56

68

72

1 mark

59.



Choose **three** of these number cards to make an **even** number that is **greater than 400**



--	--	--

1 mark

60. Write in the missing digits.



4		4
---	--	---

 +


3	8	
---	---	--

 =

8	5	1
---	---	---


1 mark

61. Calculate **417 x 20**




1 mark

62. Calculate **15.05 – 14.84**



1 mark

63. Write in the **two** missing digits.



	0
--	---

 ×

	0
--	---

 =

3	0	0	0
---	---	---	---

1 mark

64. Calculate $924 \div 22$



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

2 marks

65. Draw a line from each card to the correct part of the number line.

One has been done for you.

You may use a calculator.

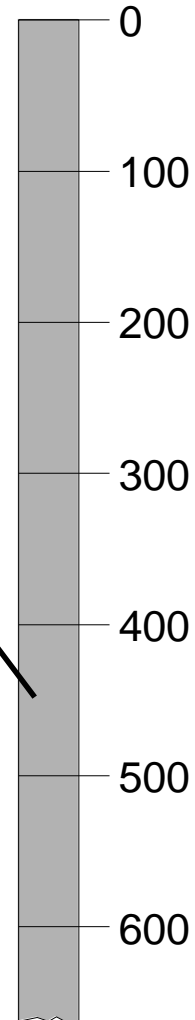


$$283 + 159$$

$$29 \times 18$$

$$720 \div 45$$

$$759 - 484$$



3 marks

66. Write in the missing numbers.



22

\times

=

660

1 mark

$$- 75 = 109$$

1 mark

67. Jemma thinks of a number.

She says,

***'Add 3 to my number and then
multiply the result by 5
The answer is 35'***

What is Jemma's number?



1 mark

Riaz thinks of a number.

He says,

***'Halve my number and then add 17
The answer is 23'***

What is Riaz's number?



1 mark

68. Write in the missing number.



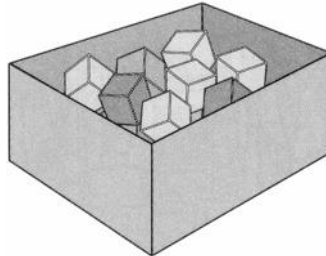
32.45 ×

= 253.11

1 mark

69. There are 24 coloured cubes in a box.

Three-quarters of the cubes are red,
four of the cubes are blue
and the rest are green.



How many **green** cubes are in the box?



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

2 marks

One more **blue** cube is put into the box.

What fraction of the cubes in the box are **blue** now?



1 mark

70. Use a calculator to work out $49.3 \times (2.06 + 8.5)$



1 mark

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



0.01

0.05

0.11

0.2

0.9

1 mark

72. Write in what the missing numbers could be.



170 +

= 220 -

1 mark

73. Write in the missing numbers.



$$45 + \square = 110$$

1 mark

$$(4 \times 5) - \square = 12$$

1 mark

$$60 \times 3 = \square$$

1 mark

74. Write in the missing digits to make this correct.



$$\begin{array}{r} \square \quad 4 \quad \square \\ \times \quad \quad \quad 6 \\ \hline 2 \quad 0 \quad 5 \quad 2 \\ \hline \end{array}$$

2 marks

75. Calculate **847 ÷ 7**



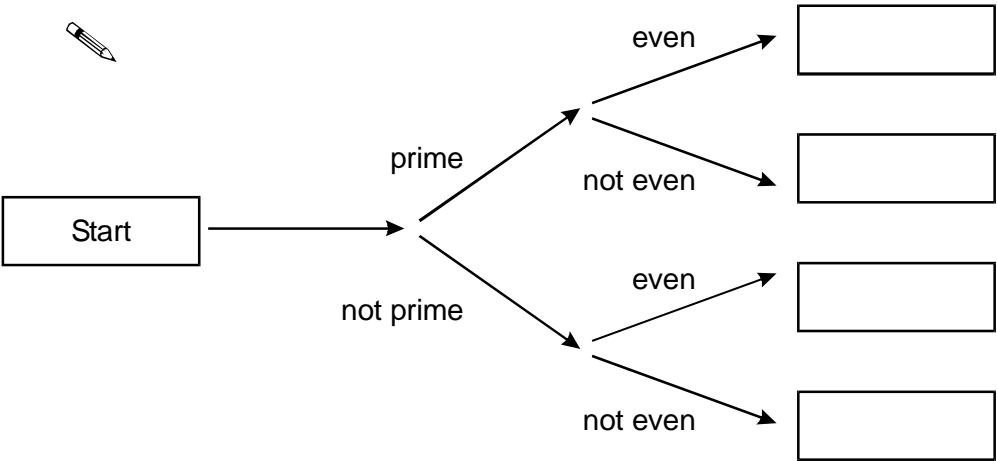
1 mark

76. Here is a diagram for sorting numbers.

Write these three numbers in the correct boxes.

You may not need to use all of the boxes.

9 17 20



2 marks

77.

Book Sale
Any 3 books for £14.50



Lee bought **these three** books in the sale for **£14.50**

How much money did he save altogether compared to the **full price** of the books?

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

£

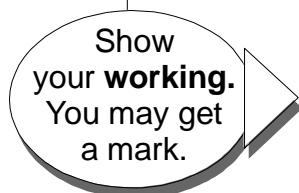
2 marks

78. Calculate **1025 – 336**



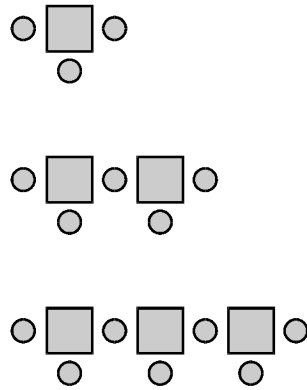
1 mark

79. Calculate **509 × 24**



2 marks


80. Here is a sequence of patterns made from squares and circles.



number of squares	number of circles
1	3
2	5
3	7

The sequence continues in the same way.

Calculate how many **squares** there will be in the pattern which has **25 circles**.


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

2 marks

81. Circle **three** numbers which **add** to make **190**



10 30 50 70 90

1 mark

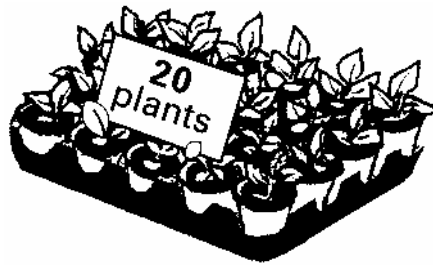
82. Write in the **missing** number.



$$8 \times \boxed{} = 400$$

1 mark

83. Plants are sold in trays of **20**



Ivana buys **7 trays** of plants.

How many plants is this?



1 mark

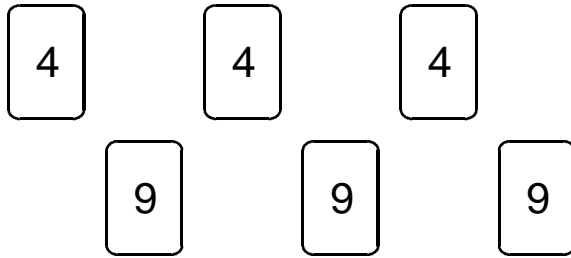
David wants **240 plants**.

How many trays does he need to buy?



1 mark

84. Here are some number cards.



Use **five of the number cards** to make this correct.



$$\begin{array}{r}
 \boxed{} \quad \boxed{} \quad \boxed{} \\
 + \quad \quad \boxed{} \quad \boxed{} \\
 \hline
 5 \quad 4 \quad 8
 \end{array}$$

2 marks

85. Write in what the missing numbers could be.



$$(\boxed{} \div \boxed{}) + 90 = 100$$

1 mark

86.



This is the cost to visit the waxworks.

Adults	£8.50
Children	£4.50

On Friday morning **12 adults** and **20 children** visit the waxworks.

How much do they pay altogether?

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

£

2 marks

Guide books cost **£1.50** each.

The waxworks sells **£24** worth of **guide books**.

How many guide books is this?

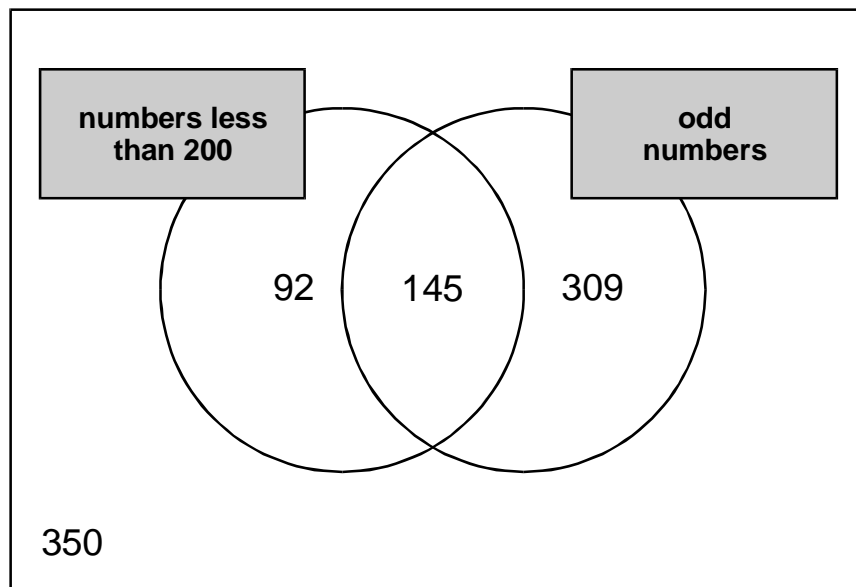


1 mark

- 87.** Write these numbers in the correct places on the Venn diagram.

Some numbers are already placed.

99 170 221



2 marks

88. Write in the missing number.



$$404.09 \div \boxed{} = 8.5$$

1 mark

89. The rule for this sequence of numbers is 'add 3 each time'.

1 4 7 10 13 16 ...

The sequence continues in the same way.

Mary says,

'No matter how far you go there will never be a multiple of 3 in the sequence'.

Is she correct?

Circle Yes or No.



Yes / No

Explain how you know.



.....

.....

.....

1 mark

90. Write the **three prime numbers** which multiply to make **231**



$$\boxed{} \times \boxed{} \times \boxed{} = 231$$

1 mark

91. Each card on the left matches one on the right.

Draw lines to match the cards which are **equal** in value.

One has been done for you.



<div>3 x 6</div>	<div>2 x 25</div>
<div>10 x 5</div>	<div>9 x 2</div>
<div>5 x 8</div>	<div>50 x 2</div>
<div>9 x 10</div>	<div>3 x 30</div>
<div>5 x 20</div>	<div>10 x 4</div>


A line connects the card '3 x 6' on the left to the card '9 x 2' on the right.

2 marks

92. Write in the **missing** numbers.


 $150 + \boxed{} = 500$

1 mark

 $172 - \boxed{} = 60$

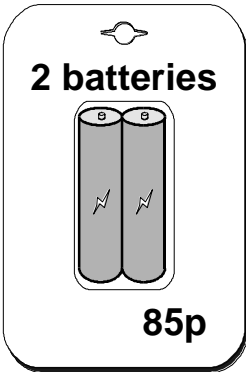
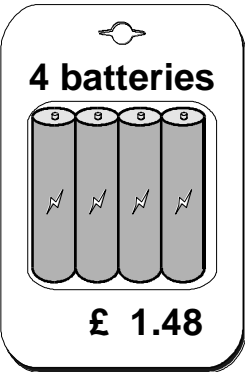
1 mark

93. Calculate **369 + 251**




1 mark

94. A shop sells batteries in **packs of four** and **packs of two**.



Simon and Nick want two batteries each.
They buy a **pack of four** and share the cost equally.

How much does each pay?




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

£

2 marks

Mary buys **2 packs of two** batteries.
Hamid buys **1 pack of four**.

How much **more** does Mary pay than Hamid?



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

£

2 marks

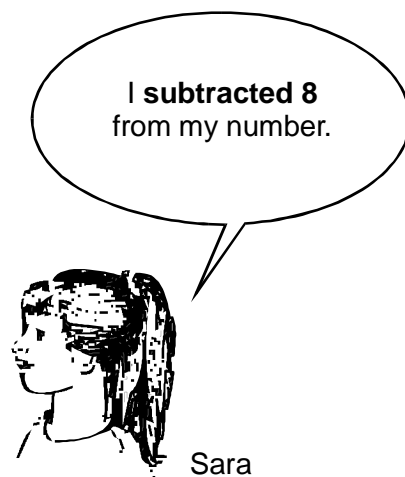
95. Circle **two** numbers which **add** to make **0.12**



0.1 0.5 0.05 0.7 0.07 0.2

1 mark

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



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

What numbers could they have started with?



Leon

Sara

1 mark

97. Circle two different numbers which **multiply** together to make **1 million**.



10

100

1000

10 000

100 000

1 mark

98. Calculate **$8.6 - 3.75$**



1 mark

99. Leila knows that

$$65 \times 3 = 195$$

Explain how she can **use this information** to find the answer to this multiplication:

$$165 \times 3$$



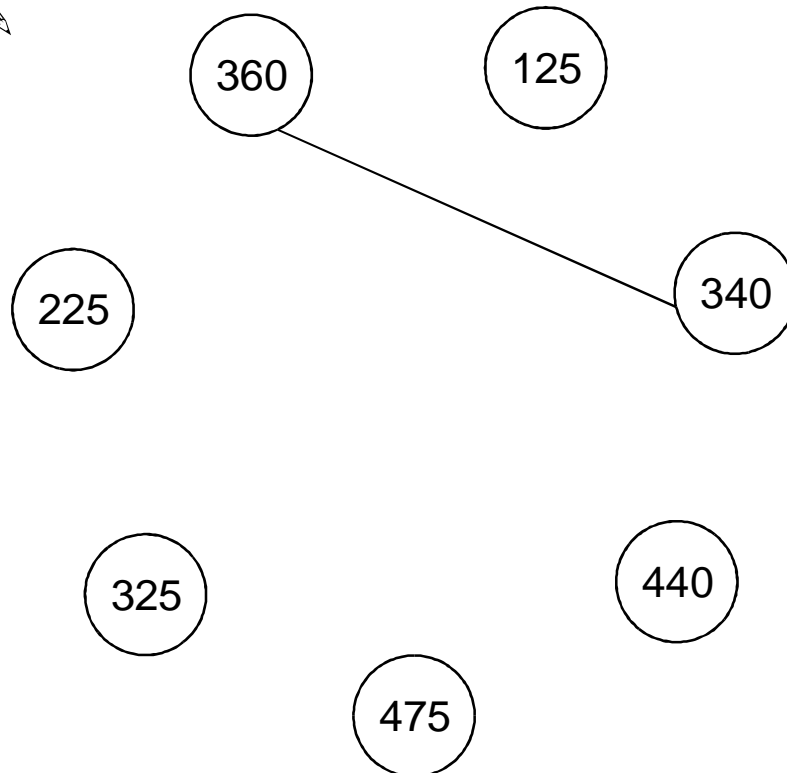
.....

.....

.....

1 mark

100. Draw a line to join two other numbers which have a **total** of 700



1 mark

101. Circle the number which is **nearest in value to 750**



570

699

810

852

1050

1 mark

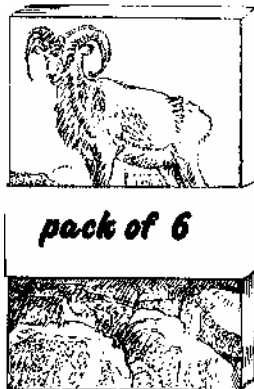
102. Write in the missing number.



$$60 + 99 + \boxed{} = 340$$

1 mark

103. A shop sells postcards in **packs of 6** and **packs of 8**.



Alan bought **4 packs of 8 cards**.

How many cards did he get?




1 mark

Shereen bought some **packs of 6 cards**.


Altogether she has **30 cards**.

How many **packs of 6** did she buy?



1 mark

104. Write **two numbers**, each **greater than 100**, to complete this subtraction.



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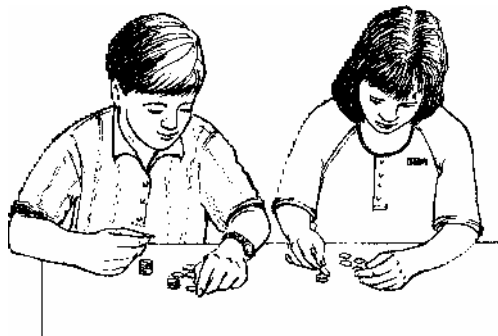
--	--	--

 =

2	0	8
---	---	---

1 mark


105.



Chris saves **50p** coins.

He has saved **45** of them.

How much money has Chris saved?



1 mark

Michelle has saved **£8.40** in **20p** coins.

How many **20p coins** does Michelle have?



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

2 marks

106. 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

107. 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

108. n stands for a number.


Complete this table of values.




n	$5n - 2$
20	<input type="text"/>
<input type="text"/>	38

2 marks

109. Write in the **missing** numbers.

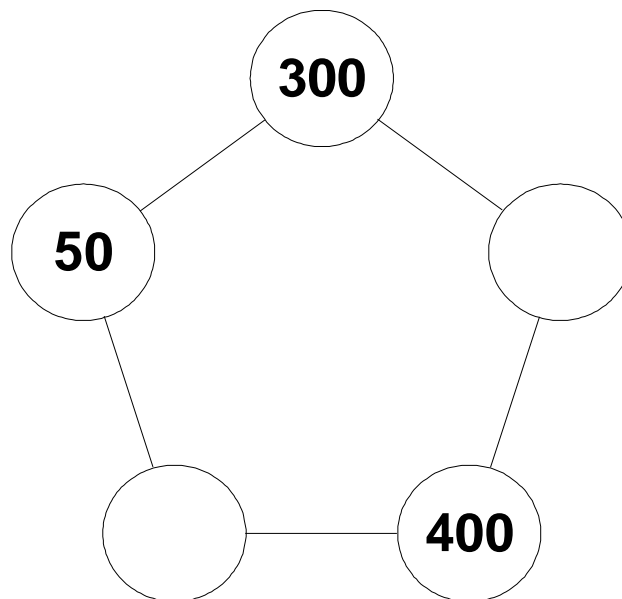
 $(3 \times 4) + \square = 19$

1 mark

 $(5 \times 5) - \square = 23$

1 mark

110. Write **two more numbers** in this diagram so that the **total** of **all** the numbers is **1000**.



1 mark

111. Rob has some number cards.




He holds up a card.

He says,

'If I multiply the number on this card by 5, the answer is 35'.

What is the number on the card?




1 mark

He holds up a different card.

He says,

'If I divide the number on this card by 6, the answer is 4'.

What is the number on the card?



1 mark

112. A shop sells flowers.




Daffodils
99p for a bunch




Roses
40p each

John buys 3 bunches of daffodils.
How much does he pay altogether?




1 mark

Karpal has **£4.00** to spend on **roses**.
How many **roses** can she buy for **£4.00**?



1 mark

113. Calculate **438 – 296**

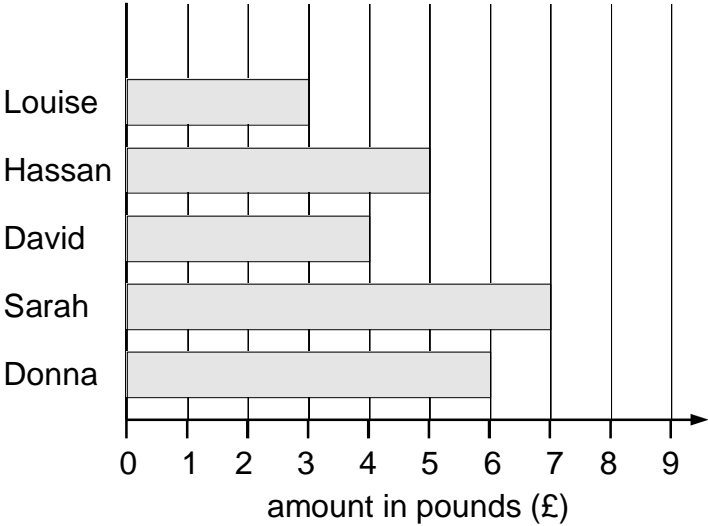


1 mark

114. Five children collect money to plant trees.



Here is a bar chart of the amounts they have raised so far.



Their target is **£40 altogether**.

How much **more** money do they need to reach the target?

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

£

2 marks

115. Parveen buys 3 small bags of peanuts.



She gives the shopkeeper £2 and gets 80p change.

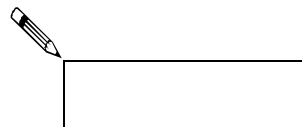
What is the cost in pence of one bag of peanuts?

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

p

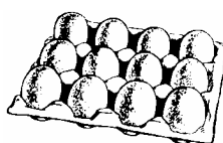
2 marks

116. Calculate **549 × 6**

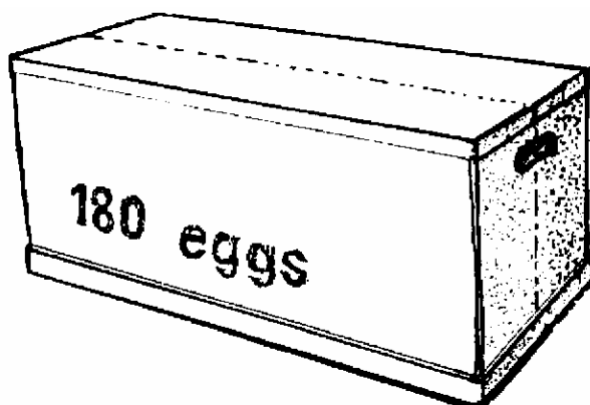


1 mark

117. Eggs are put in **trays of 12**.




The trays are packed in boxes.




Each **box** contains **180 eggs**.

How many **trays** are in each **box**?



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



2 marks

118. Circle the **two** numbers which add up to 1.



0.1

0.65


0.99

0.45


0.35

1 mark

119. Calculate **268×53**



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



2 marks

120. Write in what the **missing** numbers could be.



$$100 - \square = 38$$

1 mark



$$\square \times \square = 65$$

1 mark



$$160 \div \square = 40$$

1 mark

121. Circle **two** numbers which add up to **150**.



63	64	65	66	67
73	74	75	76	77
83	84	85	86	87
93	94	95	96	97

1 mark

122. Millie and Ryan play a number game.

What's my number?



Is it under 20?

Yes

Is it a multiple of 3?

Yes

Is it a multiple of 5?

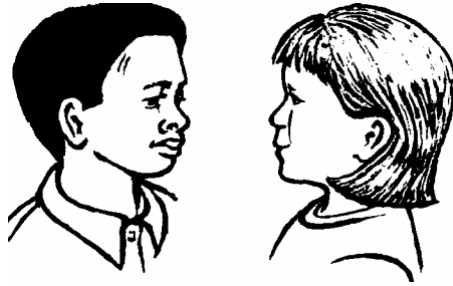
Yes

What is the number?

A simple rectangular box for writing. Above the top-left corner of the box is a small icon of a pencil, indicating where to write the answer.

1 mark

They play the game again.



Is it under 20?

No

Is it under 25?

Yes


Is it odd?

Yes

Is it a prime number?

Yes


What is the number?



1 mark


123. Write in the **four missing digits**.

Put **one** digit in each box.


$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} + \begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = 198$$

1 mark

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




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1 mark

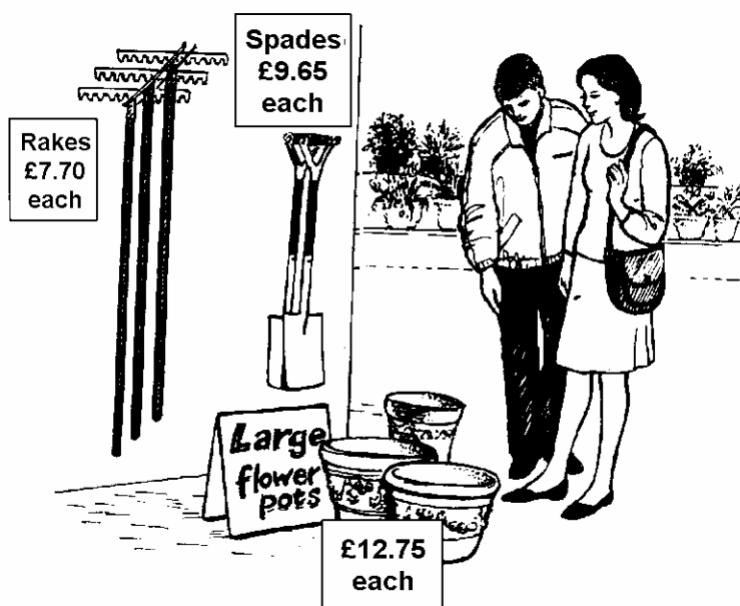
125. The **same** number is missing from each box.

Write the **same** missing number in each box.

 \times \times = 1331

1 mark


126.



Nicola has **£50**.

She buys 3 flowerpots and a spade.

How much money does she have left?



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

£

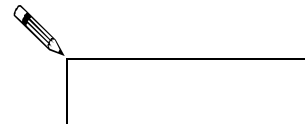
2 marks

Seeds are **£1.45** for a packet.



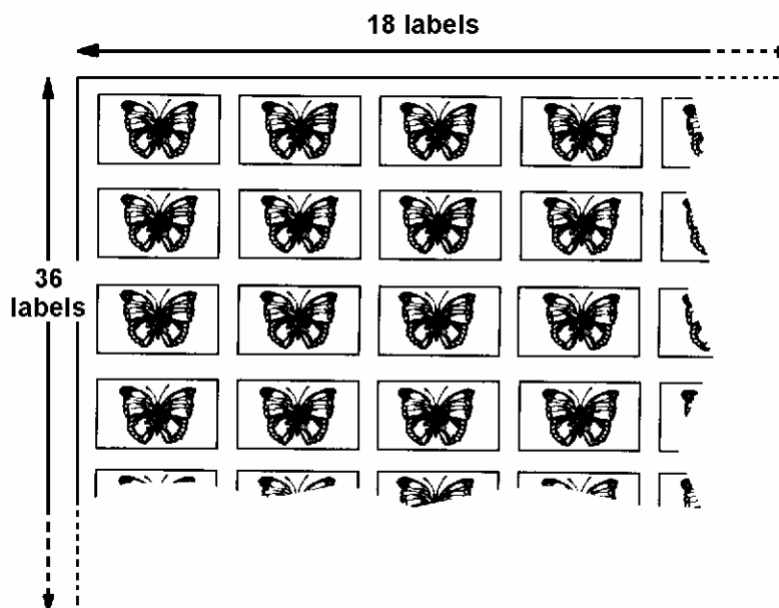
Steffan has £10 to spend on seeds.

What is the **greatest number** of packets he can buy?



1 mark

127. A shop sells sheets of sticky labels.
On each sheet there are **36 rows** and **18 columns** of labels.




How many labels are there altogether on **45 sheets**?

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

2 marks

128. Write in the missing number.

 **950.4** \div **= 49.5**

1 mark

129. Each side of this square must **add up to 80**.
Write in the **missing** numbers.



30	40	
		50
20	40	20

1 mark

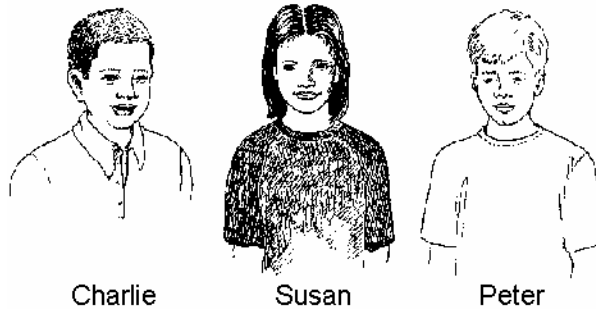
130. Write in the **missing** number.



$$12 \times \square = 36$$

1 mark

131. Three children start with **50p** each.



Charlie gives Susan **15p**.

How much do **Charlie** and **Susan** each have now?



Charlie

Susan

1 mark

Peter gives **half** of his 50p to Susan.

How much does **Peter** have left?



Peter

1 mark

132.



Some children go camping.
It costs **£2.20** for each child to camp each night.
They go for **6** nights.

How much will **each child** have to pay for the **6** nights?



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

£

2 marks

There are **70** children.
Each tent takes up to **6** children.

What is the **least number of tents** they will need?




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

tents


2 marks

133. Calculate **58 × 6**



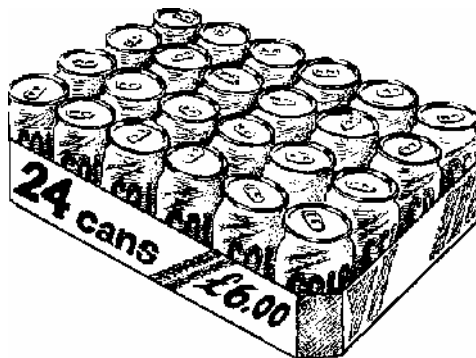
1 mark

134. Calculate $808 - 512$




1 mark

135. Shenaz buys a pack of **24 cans** of cola for **£6.00**



What is the cost of **each can**?



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

2 marks


136. Calculate **431 × 23**



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


2 marks

137. Write in what the **missing** numbers could be.


$$100 - \square - \square = 55$$

1 mark


Write in the **missing** number.


$$30 \times \square = 120$$

1 mark

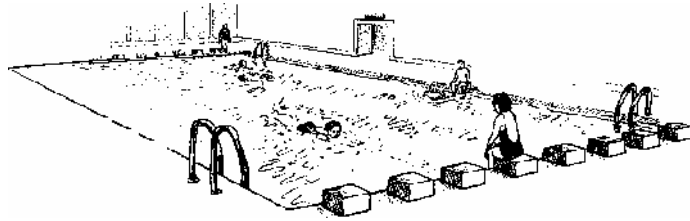
138. The **three missing numbers** are each **greater than zero**.

Write in what the **missing numbers** could be.



$$\square + \square + \square = 1000$$

1 mark

139. One **length** of a swimming pool is **25 metres**.



How many **lengths** are there in a **150 metre** race?



2 marks

Six children swim a 50 metre race.


Lane	Name	Time in Seconds
1	Bryn	92.4
2	Craig	86.3
3	Fiona	90.4
4	Harun	85.1
5	Jody	84.7
6	Dean	89.2

Who finished **first**?



1 mark

How many seconds faster was **Dean** than **Fiona**?



1 mark

140. Circle **one number** on the grid which can be **divided by 9** with a **remainder of 1**.



97	98	99
107	108	109
117	118	119

1 mark

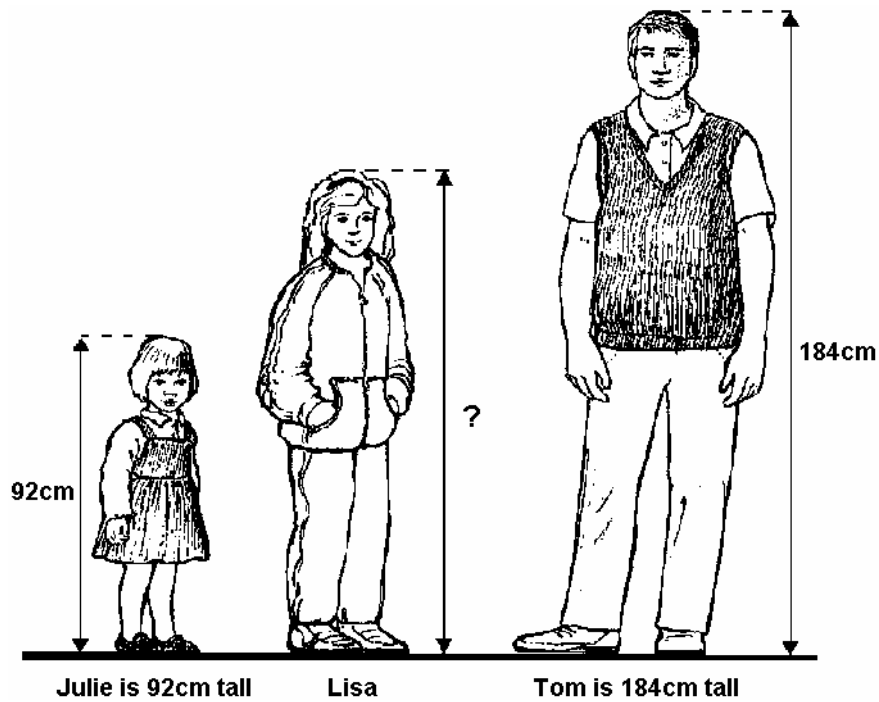
141. Write in the **missing** number.



$$568.1 \div \boxed{} = 24.7$$

1 mark

142. Here is a picture of three people.



Lisa's height is **half-way between** Julie's height and Tom's height.

Calculate Lisa's height.

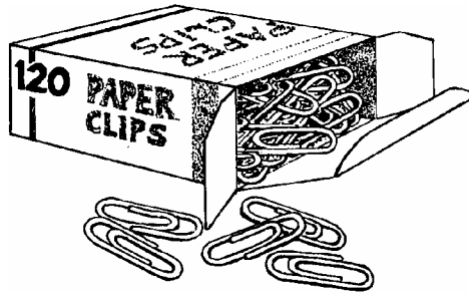


Show
your **method**.
You may get
a mark.

cm


2 marks

143. Every day a machine makes **100 000 paper clips** which go into boxes.



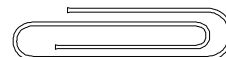
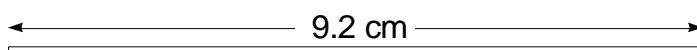
A **full box** has **120** paper clips.

How many **full boxes** can be made from **100 000** paper clips?

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

2 marks

Each paper clip is made from **9.2 centimetres** of wire.



What is the **greatest number** of paper clips that can be made from **10 metres** of wire?

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

2 marks

144. Circle the **three** numbers which **divide by 5** with **no remainder**.

84	85	86
91	92	93
98	99	100
105	106	107

1 mark

145. Write the **missing** number.



$$30 \div \boxed{} = 6$$

1 mark

146. A number **multiplied by itself** gives the answer **49**.

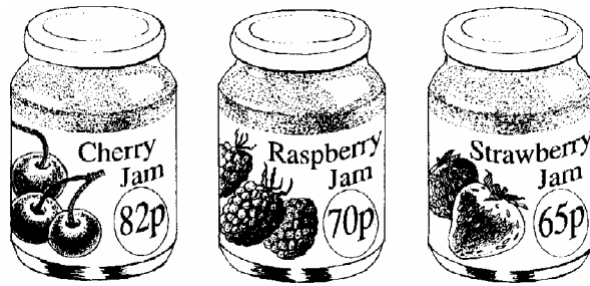
Circle the number.




2 3 4 5 6 7 8 9

1 mark

147. Emma buys these three jars of jam.



What is the **total** cost of the **three jars**?



1 mark

Jack buys one jar of cherry jam for 82p.



He pays with a **£5** note.

How much **change** does he get?



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

2 marks

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



	6	2
--	---	---

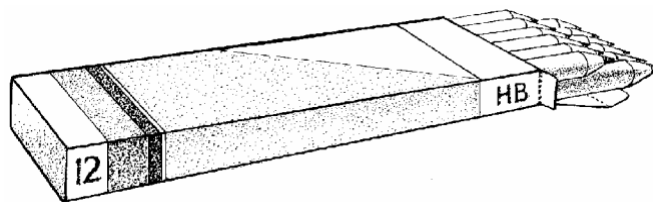
 +

	9	5
--	---	---

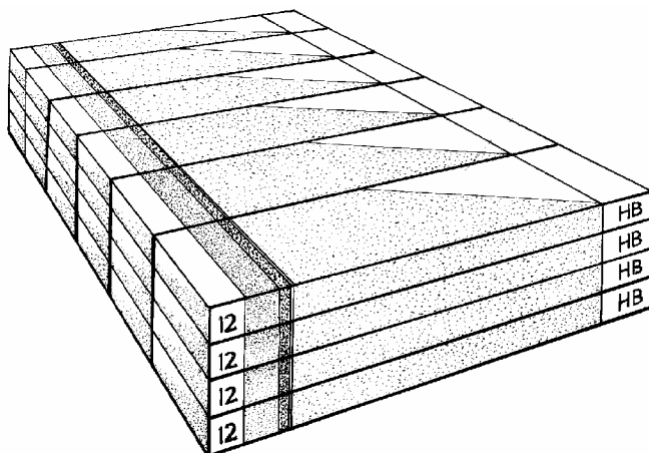
 = 757

1 mark

149. There are **12 pencils** in a box.



A school buys **24 boxes**.



How many **pencils** does the school buy?



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

2 marks

150. In the chart any **three** numbers in a line, **across or down**, have a **total of 18.45**

Write the **missing** number.

2.46	8.61	7.38
11.07		1.23
4.92	3.69	9.84



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

2 marks

151. Write what the **four missing digits** could be.



$$\boxed{}\boxed{}\boxed{} \div 10 = \boxed{3}\boxed{}$$

1 mark

152. Kim knows that

$$137 \times 28 = 3836$$

Explain how she can use this information to work out this multiplication.

$$138 \times 28$$



.....

.....

.....

1 mark

153. Write what the **three missing numbers** could be.



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

1 mark

Write what the **two missing numbers** could be:



$$80 - \boxed{} - \boxed{} = 25$$

1 mark

154. Write what the **missing** numbers could be.



is an **odd** number, and **is greater than 15**.

is a number **greater than 100** and can be **divided by 4**, with **no remainder**.

2 mark

155. Write what the **two missing** numbers could be.



$$\square \div \square = 8$$

1 mark

Write what the **two missing** numbers could be.



$$(4 + \square) \times \square = 100$$

1 mark

Write the missing number.




$$30 - 16 = 9 + \square$$

1 mark

156. Sima thinks of a number.

She **divides** it by **12**. Her answer is **26**.

What is the number Sima thinks of?



1 mark

157. Write the **missing** number.



$$10233 \div \boxed{} = 379$$

1 mark

158. Write the **three missing** digits.



$$\boxed{}\boxed{}\boxed{} \times \boxed{} = 371$$

1 mark