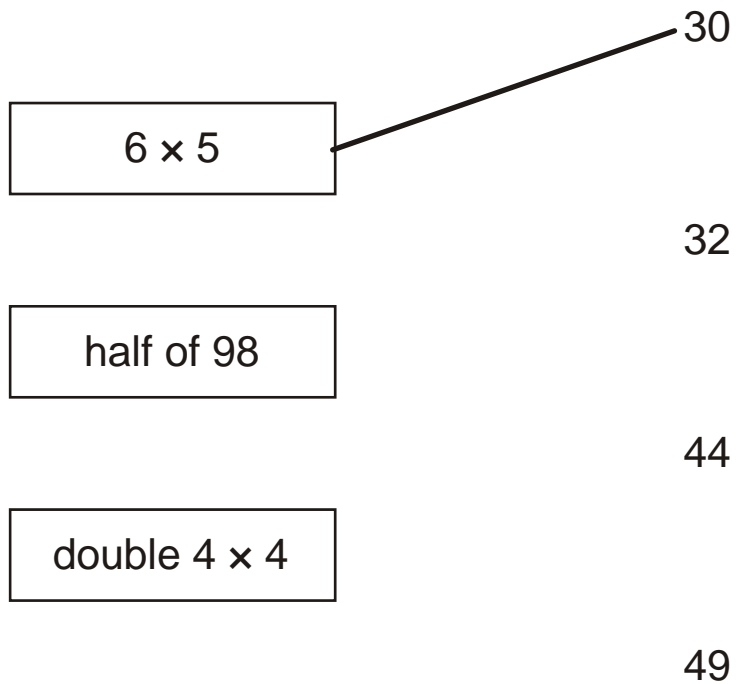


1. Join each box to the correct number.

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. Write in the missing numbers.



$$+ 75 = 90$$

1 mark

4 x		= 200
-----	--	-------

1 mark

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



150
250
350
450

200
400

150
250
350
450

1 mark

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

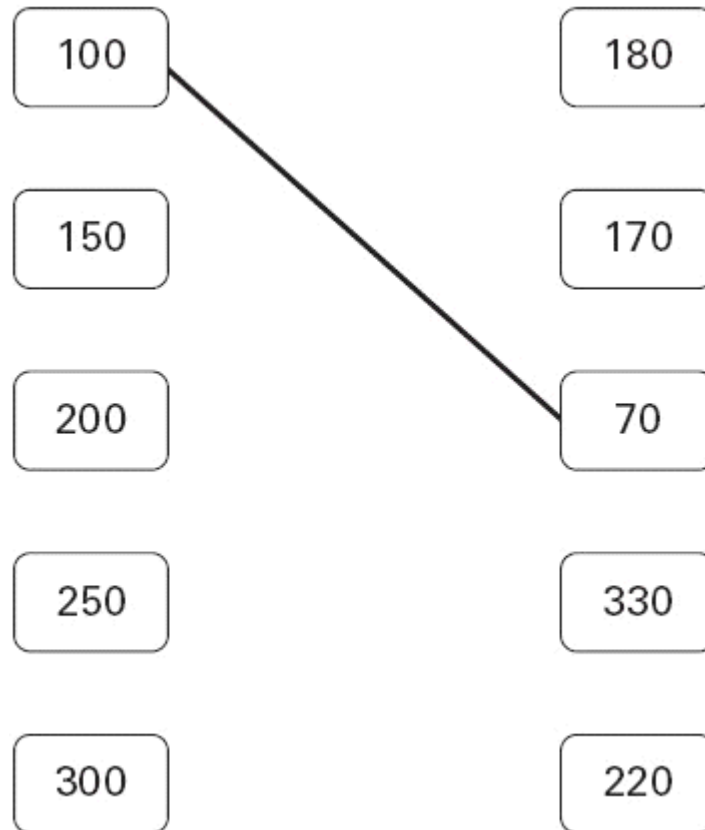


--

1 mark

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

One has been done for you.




2 marks

9. Calculate **56 ÷ 4**



1 mark

10. Calculate $1202 + 45 + 367$



1 mark

11. Calculate 143×37


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





2 marks

12. Circle the numbers that add up to 100

 64 32 16 8 4 2 1

1 mark

13. 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

14. 7.4 8.1 9.4 10

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



and

1 mark

15. Write in the missing numbers.

 + 85 = 200

1 mark

4 × = 120

1 mark

120 − 51 =


1 mark

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

3

4

5

 5 ×

12 ÷

9 +

2 marks

17. Calculate $13.6 - 2.8$



1 mark

18. Write in the missing numbers.



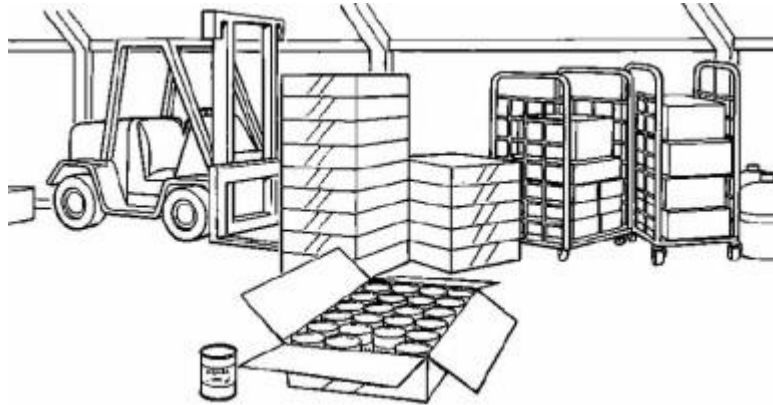
$$3 \times 4 \times \boxed{} = 96$$

1 mark

$$\boxed{} + 62 - 46 = 96$$

1 mark

19.



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

20. Write in the missing numbers.



$$\div 21.7 = 37.5$$

1 mark

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

1 mark

21. 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?

$$A = \boxed{} \quad B = \boxed{}$$

1 mark

22. Write in the missing numbers.



55

+

=

120

1 mark

600

×

4

=

1 mark

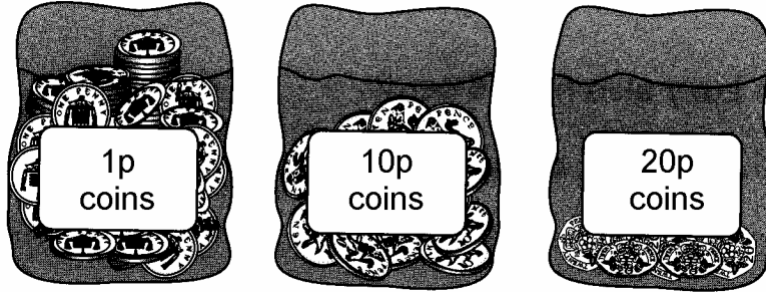
23. Calculate **309 – 198**



1 mark

24. 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

25.



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

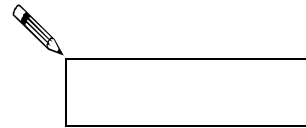
Nadia

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

26. Calculate **2307 × 8**



1 mark

27. Write in the missing number.

 50 ÷ = 2.5

1 mark

28. Write in the missing numbers.

 $37 \times \boxed{} = 111$

1 mark

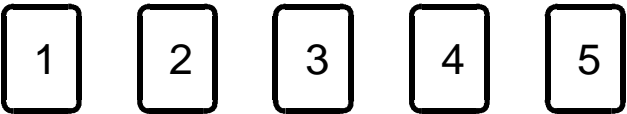
$225 - \boxed{} = 150$

1 mark

$\boxed{} \div 4 = 21$

1 mark

29. Here are five digit cards.



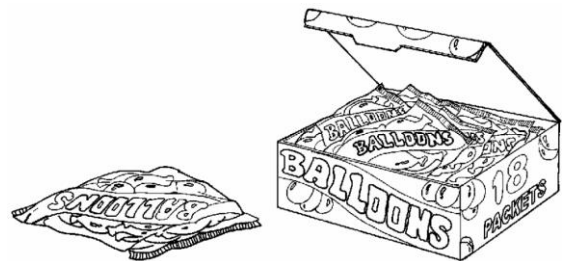
Use all five digit cards once to make this sum correct.

A vertical addition problem is shown. At the top is a single empty box. Below it are two rows, each containing two empty boxes. A small pencil icon is positioned to the left of the top single box. Below the two rows of two boxes is a horizontal line. To the left of the line is a plus sign (+). Below the line are the digits 6 and 0, aligned under the two boxes of the bottom row.


1 mark

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

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

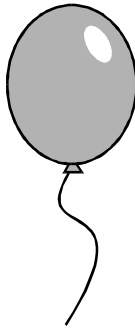


How many balloons are there altogether in a **box**?



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

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



--	--

 ×

--

 =

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

1 mark

32.



Cheddar cheese costs £7.50 for 1kg.

Marie buys 200 grams of cheddar cheese.

How much does she pay?

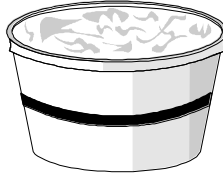


£

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?

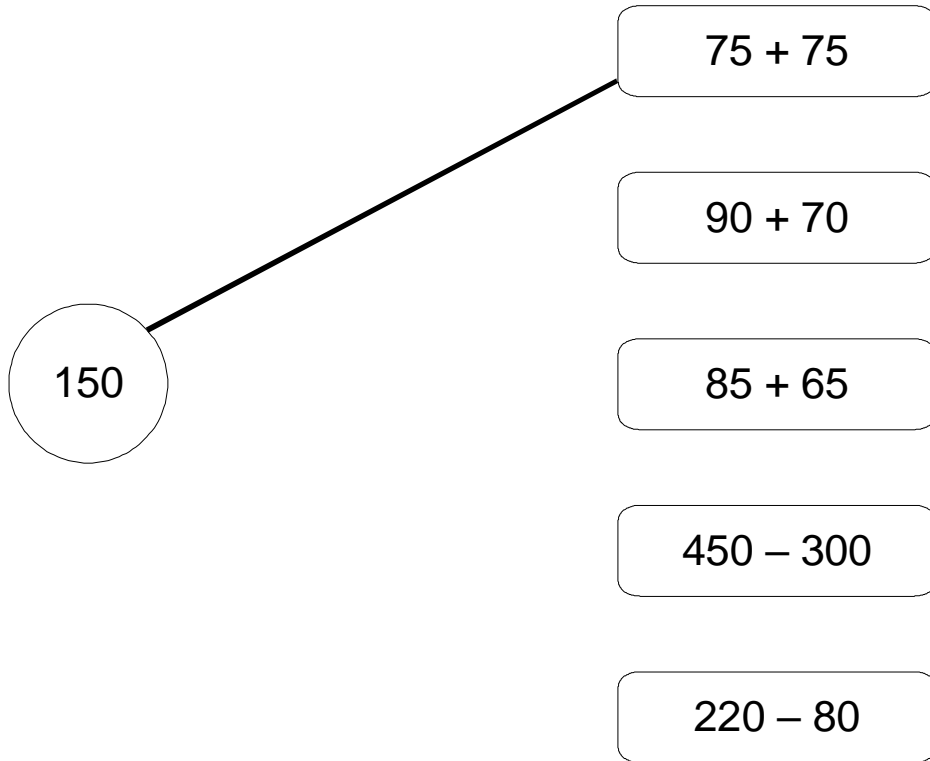


Show your **method**.
You may get a mark.

grams

2 marks

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



2 marks

34. Write in the missing numbers.




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

1 mark

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

1 mark

35. Write in the missing digits.



4		4
---	--	---

 +


3	8	
---	---	--

 =

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

1 mark


36. Calculate **417 x 20**



--

1 mark


37. Calculate **15.05 – 14.84**



--

1 mark

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



	0
--	---

 \times

	0
--	---

 $=$

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

1 mark

39. Calculate **924 \div 22**



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

--

2 marks

40. 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.

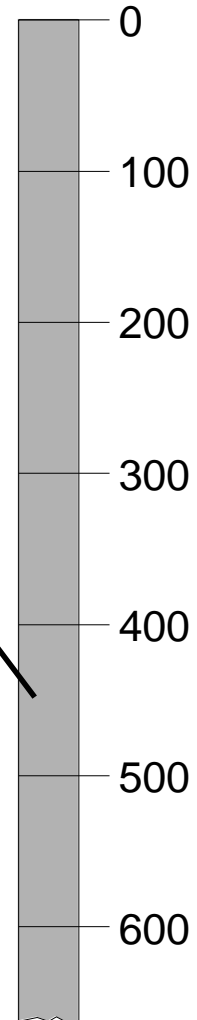


$$283 + 159$$

$$29 \times 18$$

$$720 \div 45$$

$$759 - 484$$



3 marks

41. Write in the missing numbers.



$$22 \times \boxed{} = 660$$

1 mark

$$- 75 = 109$$

1 mark

42. 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

43. Write in the missing number.



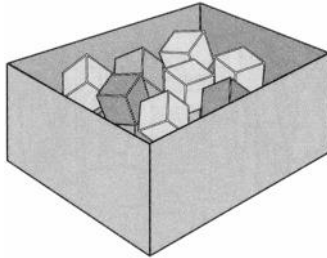
32.45 ×

= 253.11

1 mark

44. 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

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



1 mark

46. Write in what the missing numbers could be.



170 +

= 220 -

1 mark

47. Lili and Julian each start with the **same** number.

Lili works out **half of the number**.

Julian works out **three-quarters of the number**.

The **sum** of their answers is **275**

What was the number they started with?



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

2 marks

48. Write in the missing numbers.



$$45 + \square = 110$$

1 mark

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

1 mark

$$60 \times 3 = \square$$

1 mark

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



	<div>□</div>	4	<div>□</div>
×			6
<hr/>			
	2	0	5 2
<hr/>			

2 marks

50. Calculate **847 ÷ 7**



1 mark

51.

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.

£

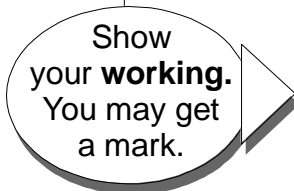
2 marks

52. Calculate **1025 – 336**



1 mark

53. Calculate **509 × 24**



2 marks

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



10 30 50 70 90

1 mark

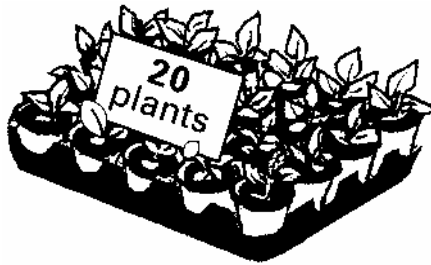
55. Write in the **missing** number.



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


1 mark

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



Ivana buys **7 trays** of plants.


How many plants is this?



1 mark

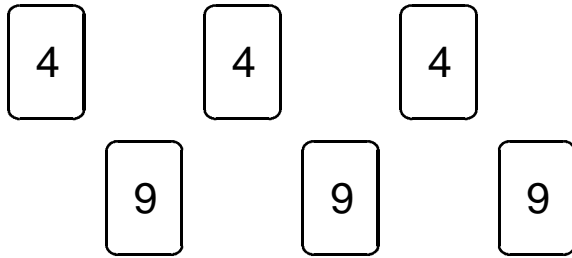
David wants **240 plants**.

How many trays does he need to buy?



1 mark

57. 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

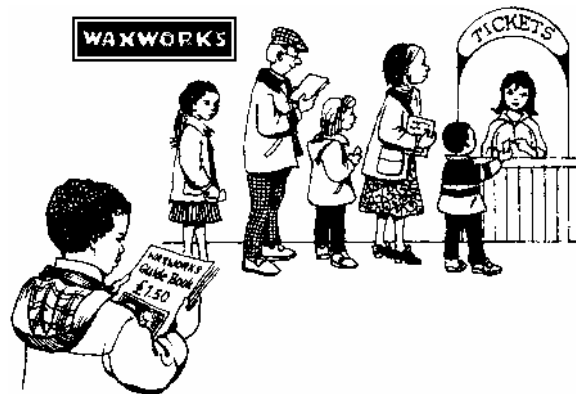
58. Write in what the missing numbers could be.



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

1 mark

59.




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

60. Write in the missing number.



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

1 mark

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



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

1 mark

62. 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.

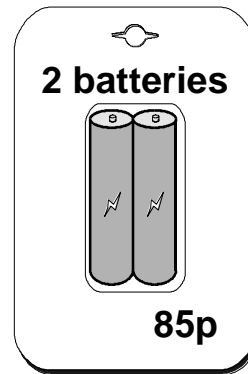
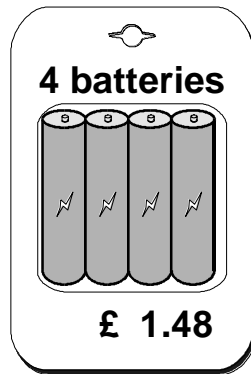
2 marks

63. Calculate **369 + 251**




1 mark

64. 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

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



0.1 0.5 0.05 0.7 0.07 0.2

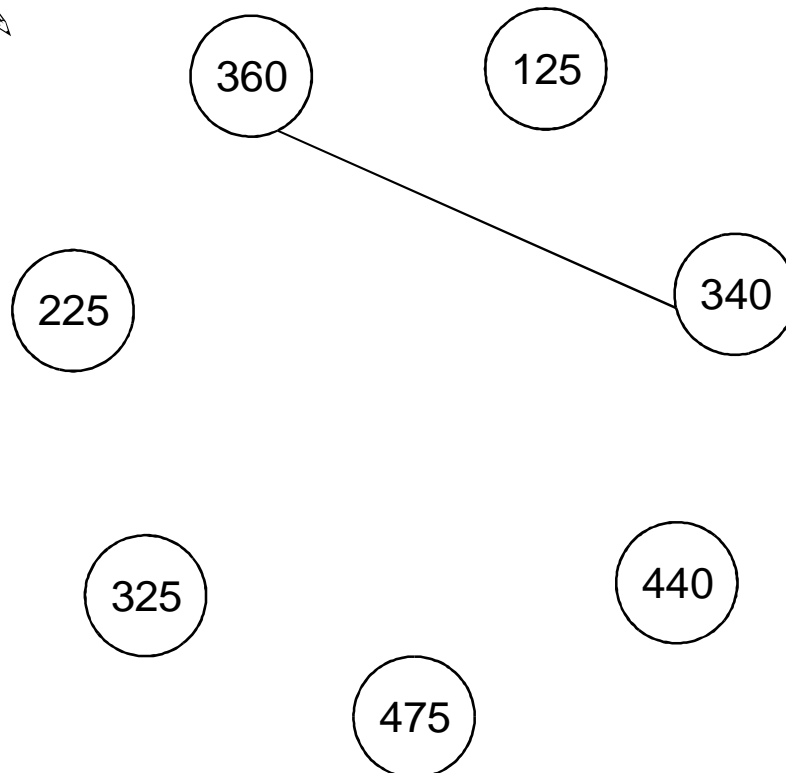
1 mark

66. Calculate **$8.6 - 3.75$**



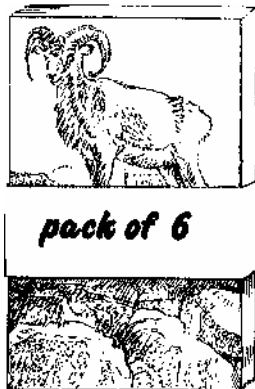
1 mark

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




1 mark

68. 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

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



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−

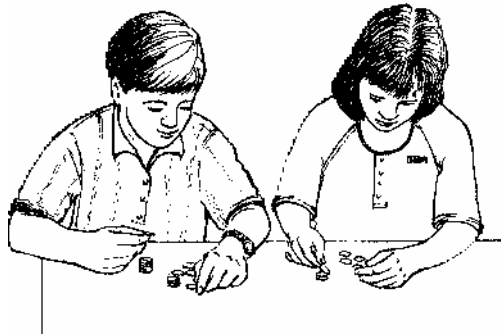
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=

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

1 mark


70.



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

71. 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

72. 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 × 9.9 × 11.9			✓
(786 – 387) ÷ 0.41			
95.4 + (91 × 9.95)			
12.5 × (21.1 + 58.9)			

2 marks

73. Write in the **missing** numbers.

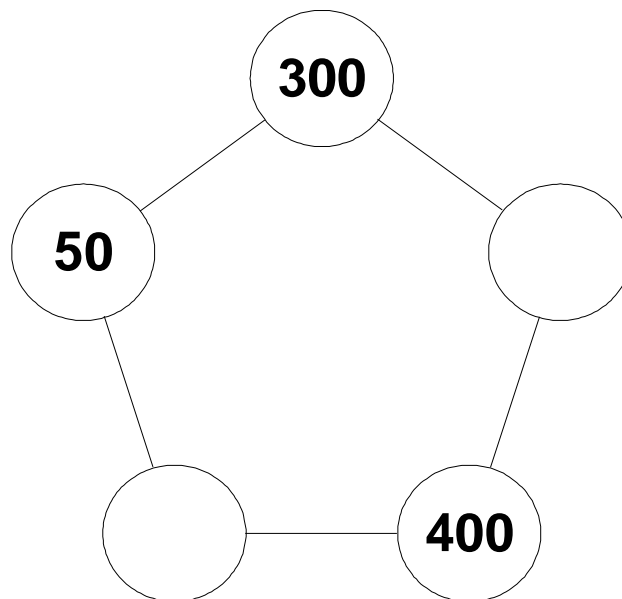
 $(3 \times 4) + \square = 19$

1 mark

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

1 mark

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



1 mark

75. Rob has some number cards.

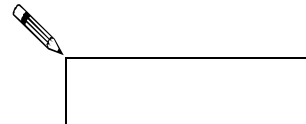


He holds up a card.

He says,

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

What is the number on the card?



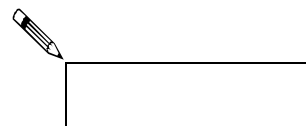
1 mark

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

76. 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

77. Calculate **438 – 296**

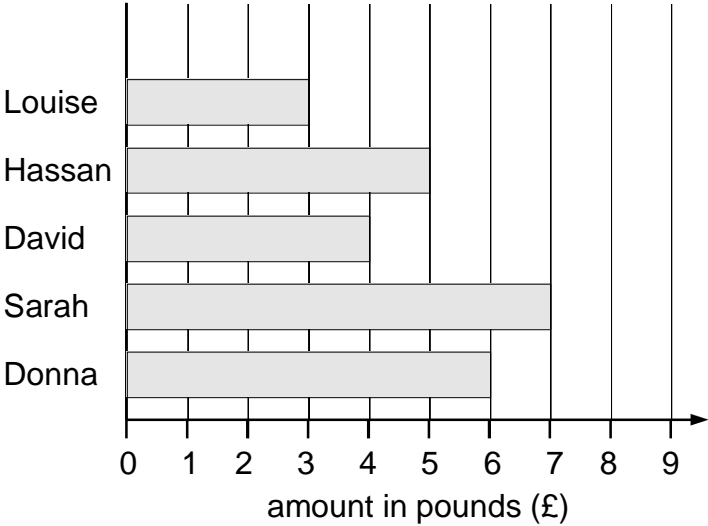


1 mark

78. 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

79. Parveen buys 3 small bags of peanuts.



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

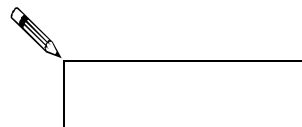
What is the cost in pence of one bag of peanuts?

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

p

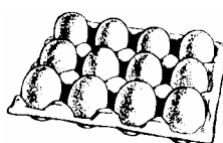
2 marks

80. Calculate **549 × 6**

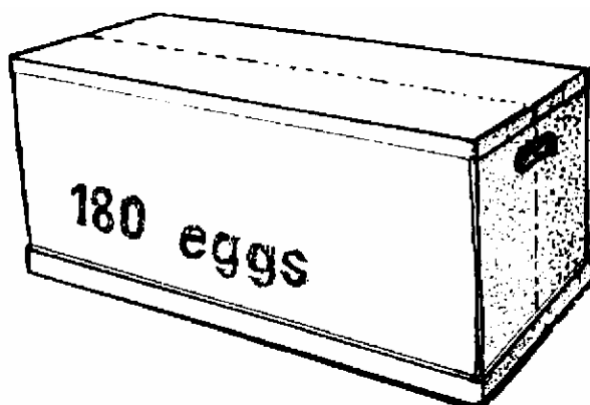


1 mark

81. 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

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



0.1

0.65


0.99

0.45

0.35

1 mark


83. Calculate **268 × 53**




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

2 marks

84. 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

85. 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

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

Put **one** digit in each box.



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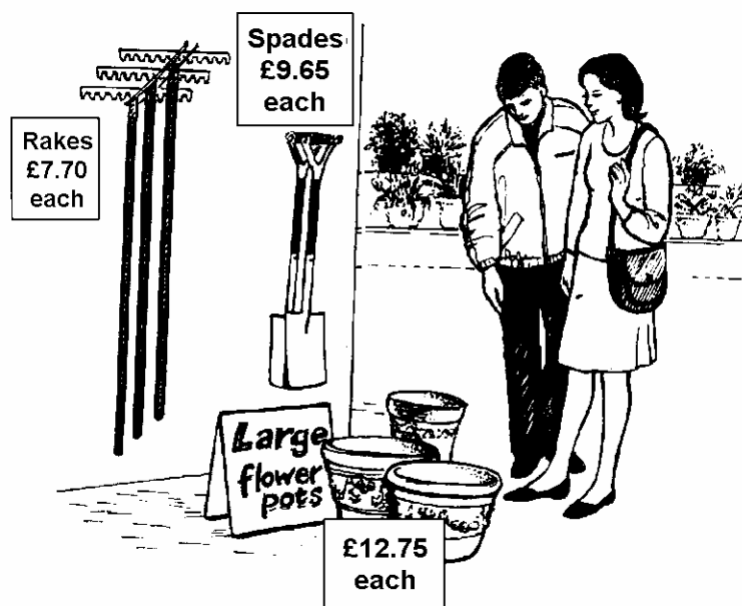
 +

--	--

 = 198

1 mark

87.



Nicola has **£50**.

She buys 3 flowerpots and a spade.

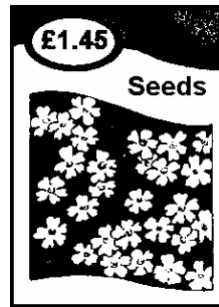
How much money does she have left?

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

£

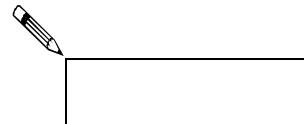
2 marks

Seeds are **£1.45** for a packet.



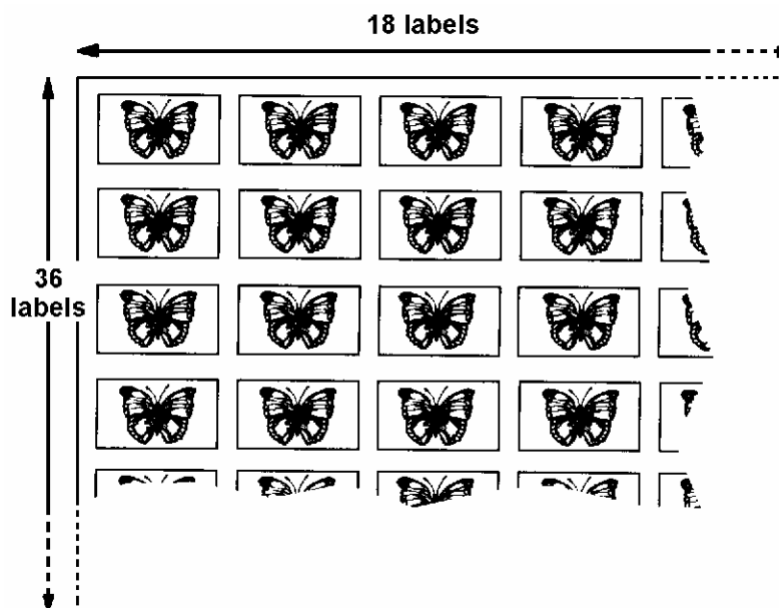
Steffan has £10 to spend on seeds.

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




1 mark

88. 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

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



30	40	
		50
20	40	20

1 mark

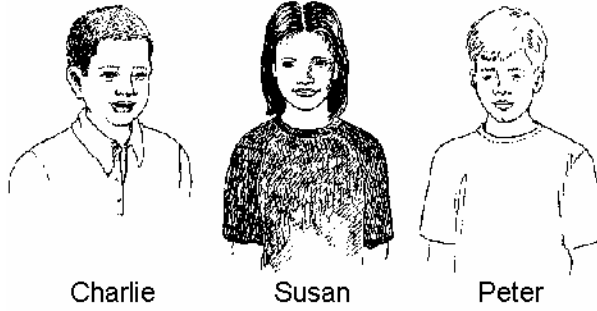
90. Write in the **missing** number.



$$12 \times \square = 36$$


1 mark

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



Charlie gives Susan **15p**.

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


 p p

Charlie Susan

1 mark

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

How much does **Peter** have left?

 p

Peter

1 mark

92.



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

93. Calculate **58 × 6**



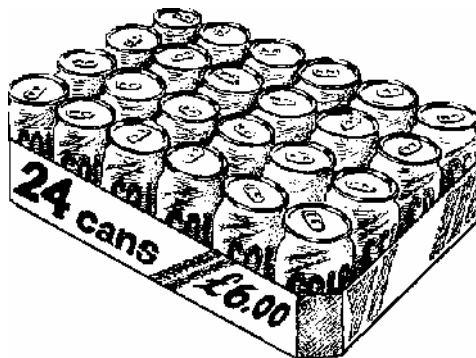
1 mark

94. Calculate $808 - 512$




1 mark

95. 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

96. Calculate **431 × 23**

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


2 marks

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

 **100** − − = **55**

1 mark


Write in the **missing** number.

 **30** × = **120**

1 mark

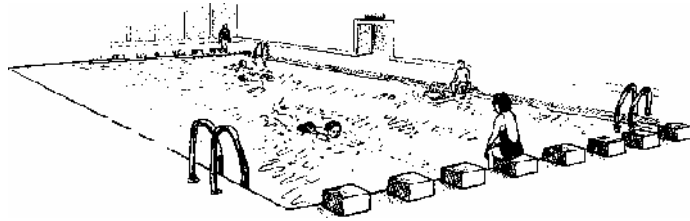
98. The **three missing numbers** are each **greater than zero**.

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


 + + = **1000**

1 mark

99. 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**?



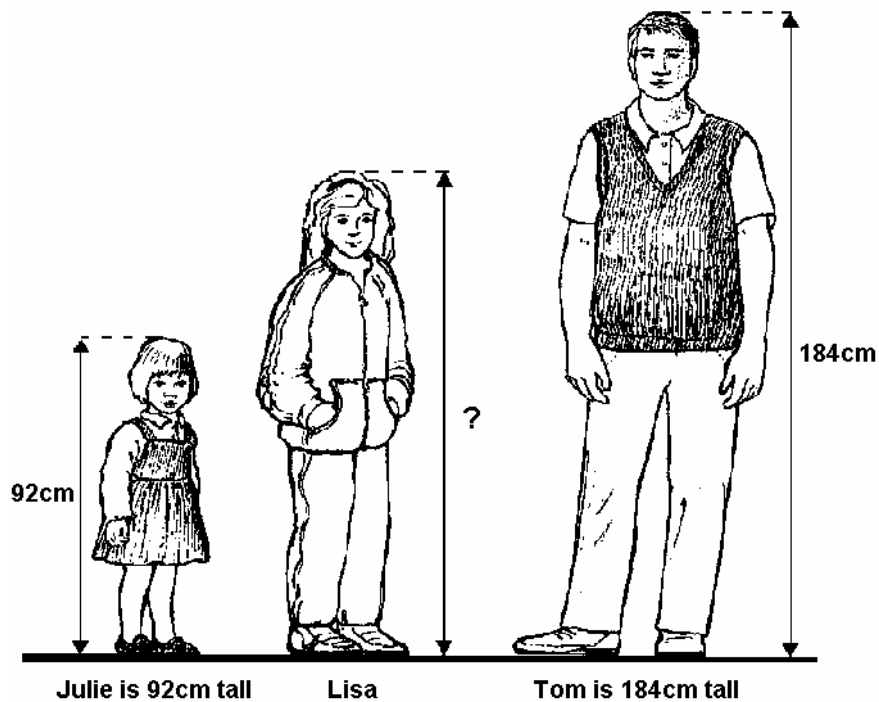
1 mark

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



1 mark

100. 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.

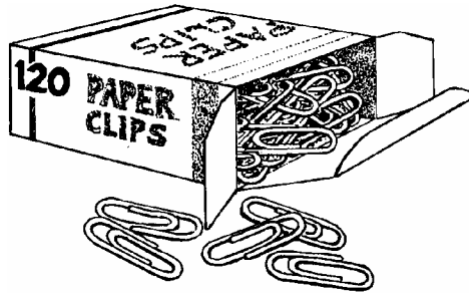


Show
your **method**.
You may get
a mark.

cm


2 marks


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



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

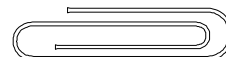
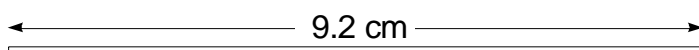
How many **full boxes** can be made from **100 000** paper clips?

 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

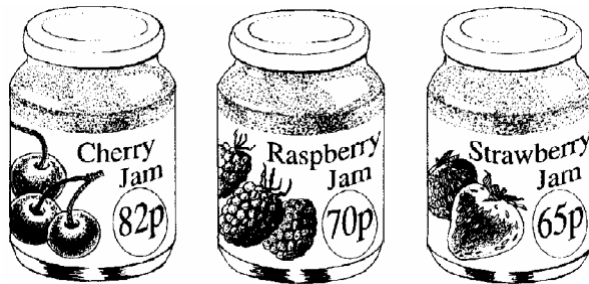
102. Write the **missing** number.



$$30 \div \square = 6$$

1 mark

103. 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

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



	6	2
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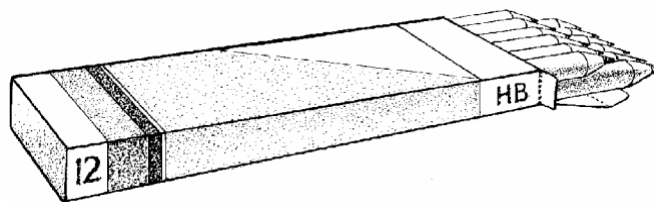
 +

	9	5
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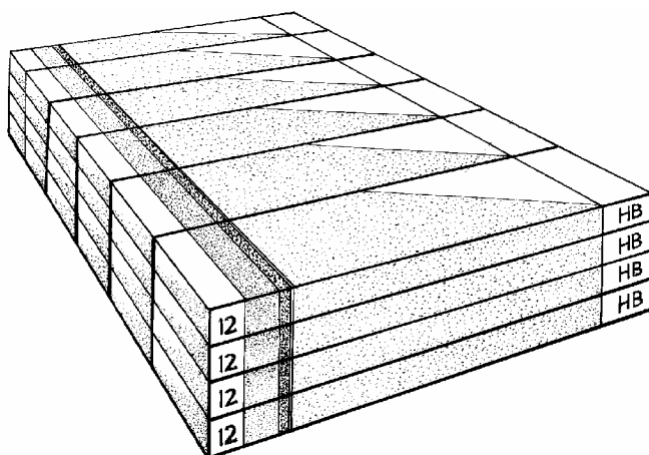
 = 757

1 mark

105. 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

106. 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

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



$$\begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} \div 10 = \begin{array}{|c|c|} \hline 3 & \\ \hline \end{array}$$

1 mark

108. Kim knows that

$$137 \times 28 = 3836$$

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

$$138 \times 28$$



.....

.....

.....

1 mark

109. 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