1

[2017]

Write the missing number to make this **division** correct.

$$75 \div \square = 7.5$$

[1 mark]

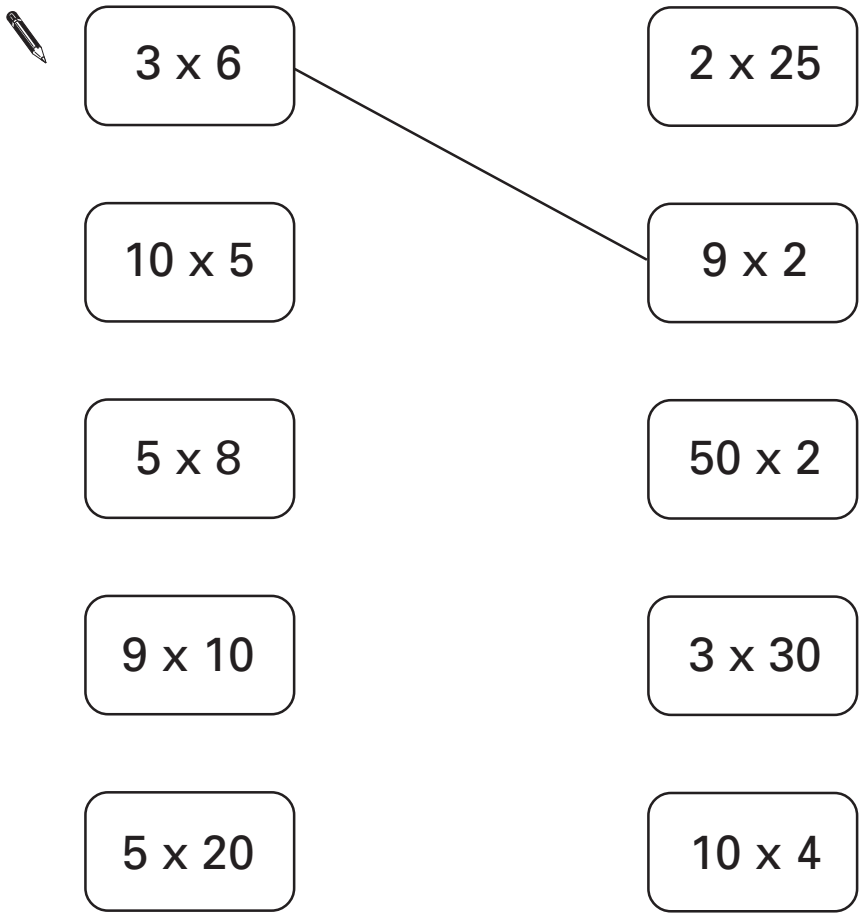
2

[2000]

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.



[2 marks]

3 [2013]

At a tournament there are 7 players in each team.

There are 112 players altogether.

How many teams is this?

[1 mark]

4 [2016S]

Here are six cards.

× 10	× 100	× 1000
÷ 10	÷ 100	÷ 1000

Use a card to complete each calculation.

5.3 ☐ = 0.53

5.3 ☐ = 5300

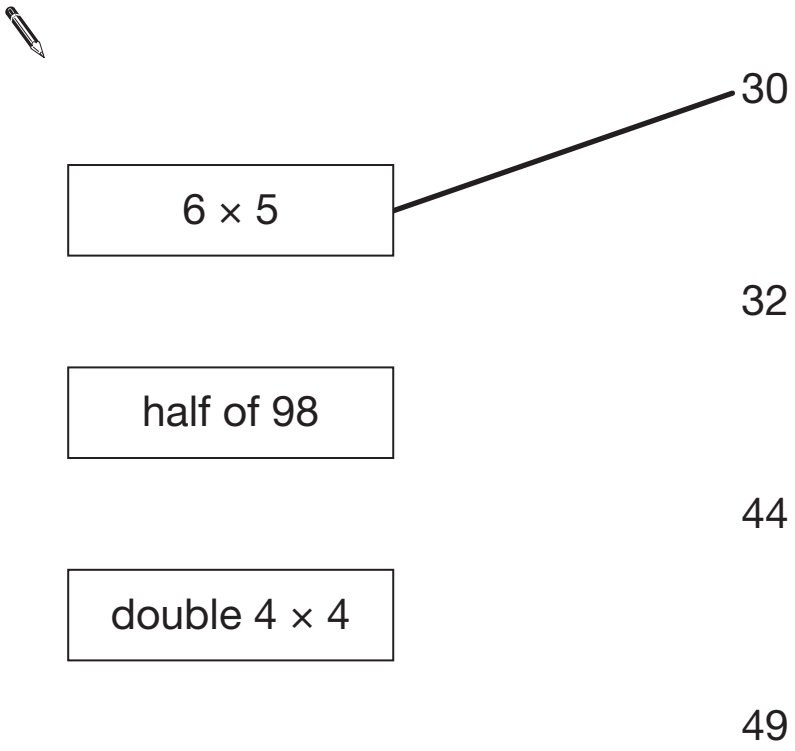
5.3 ☐ = 0.053

[2 marks]

5 Join each box to the correct number.

[2008]

One has been done for you.



[1 mark]

6 Write in the missing numbers.

[2002]

$5 \times 70 = \square$

$4 \times \square = 200$

[2 marks]

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

[2000]

10 100 1000 10 000 100 000

[1 mark]

8 [2017]

Circle the number that is **10 times** greater than nine hundred and seven.

9,700 907 9,007 970 9,070

[1 mark]

9 [2017]

Write the missing numbers to make this **multiplication** grid correct.

×	□	□
9	63	54
□	56	48

[1 mark]

10 [2013]

The number **20** goes in **two** of the squares of this multiplication grid.

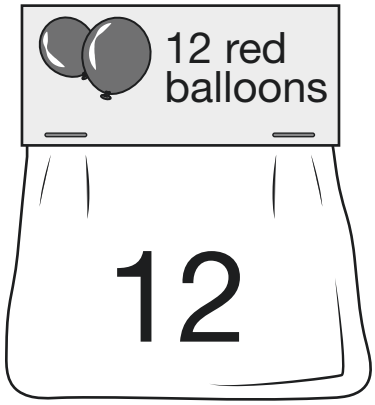
Tick (✓) the two squares where 20 goes.

×	1	2	3	4	5
1					
2					
3					
4					
5					

[1 mark]

11

[2017]



Adam buys **6** bags of white balloons.

Chen buys **3** bags of red balloons.

Adam says,

'I have four times as many balloons as Chen.'

Explain why Adam is correct.

[1 mark]

12

[2016]

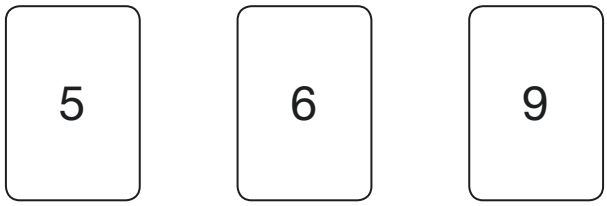
Write the missing number.

$$70 \div \square = 3.5$$

[1 mark]

13 Chen uses these digit cards.

[2017]

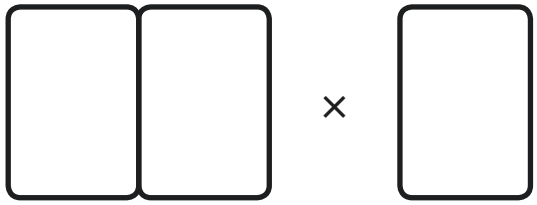


She makes a 2-digit number and a 1-digit number.

She multiplies them together.

Her answer is a **multiple of 10**

What could Chen's multiplication be?



[1 mark]

14 Write the **three** missing numbers in this multiplication grid.

[2014]

×	8	5	
4		20	28
5	40		35
3	24	15	21

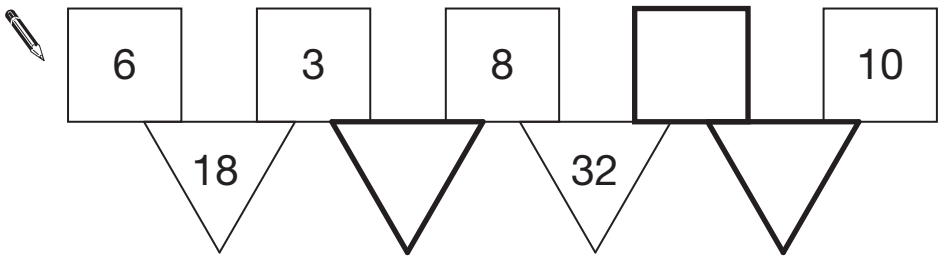
[2 marks]

15 In this diagram the rule is

[2010]

'to make the number in a triangle,
multiply the numbers in the two squares above it'.

Write in the three missing numbers.

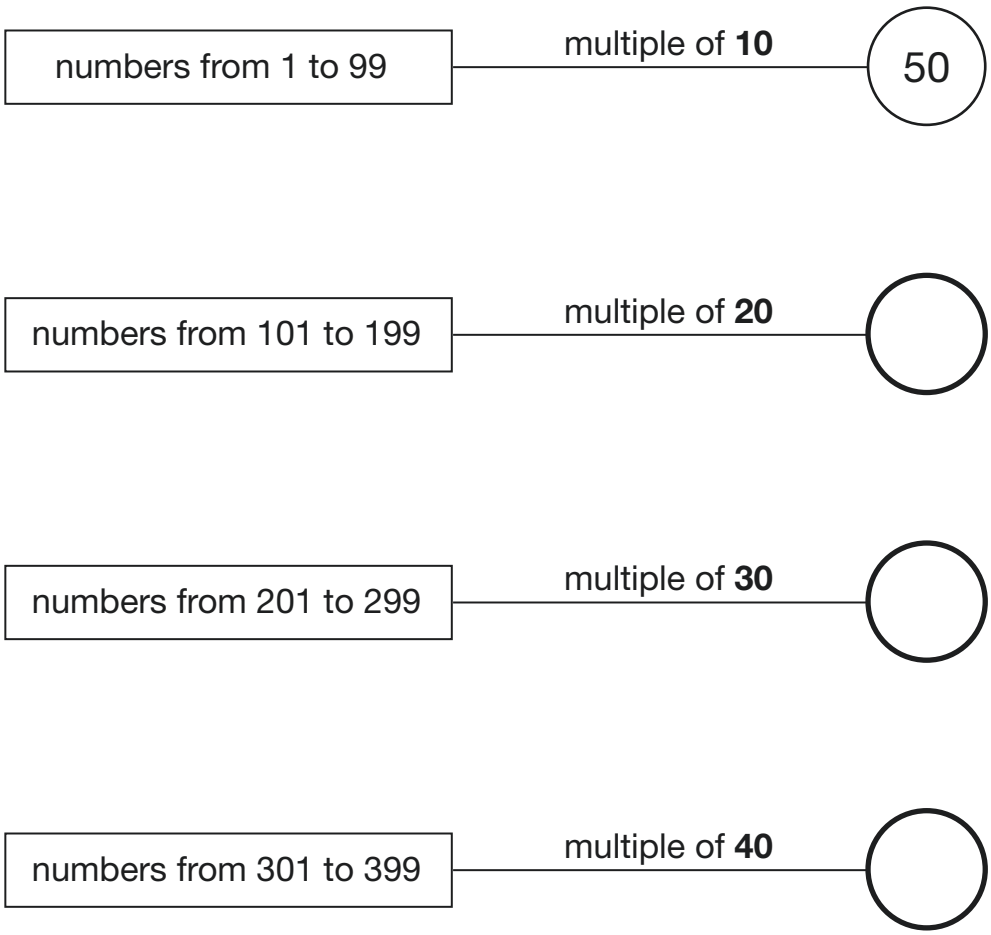


[1 mark]

16 In the circles, write a multiple that belongs to each set.

[2016S]

One has been done for you.

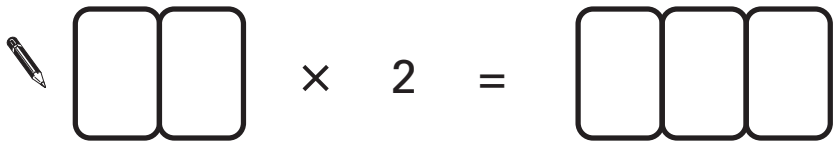


[1 mark]

17 Here are five digit cards.

[2004]

Use **all** five digit cards to make this correct.



[2 marks]

18 Write the missing number.

[2013]

[1 mark]

19 Write in the missing numbers in this multiplication grid.

[2004]

×	5		
4	20	36	32
	35	63	56
	30	54	48

[1 mark]

20 Write in the missing digits to make this correct.

[2001]

$$\square\,4\,\square \times 6 = 2052$$

[1 mark]

21 Circle two numbers that multiply together to equal **1 million**.

[2016]

200 2,000 5,000 50,000

[1 mark]

22 Here are five number cards.

[2011]

0.47	10	100	1000	4.07

Use **four** of the cards to complete these calculations.

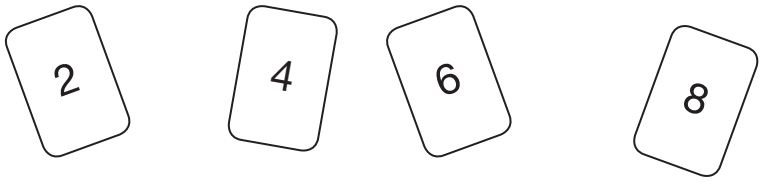
$$47 \div \square = \square$$

$$\square \times \square = 40.7$$

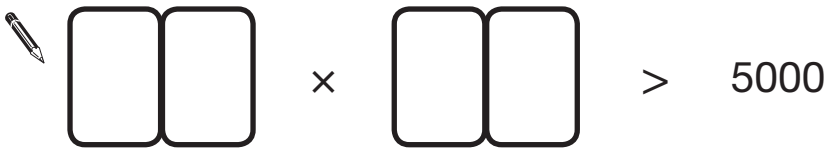
[2 marks]

23

[2010]



Use all four digit cards to make this number sentence correct.



[1 mark]

24

Write in the **two** missing digits.

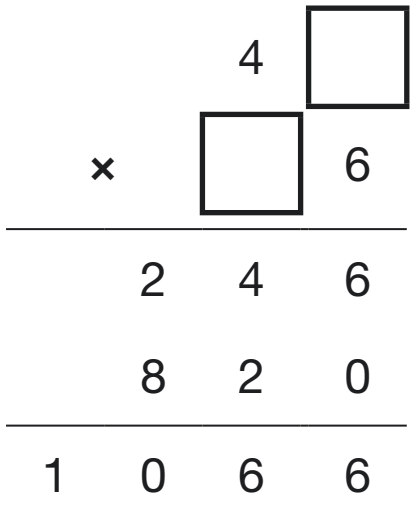
[2002]

[1 mark]

25

Write the two missing digits to make this **long multiplication** correct.

[2016S]



[1 mark]

26 Complete these calculations.

[2013]

$15 \times 100 = \square$

$\square \times 10 = 1500$

$\square \div 100 = 150$

$150 \div 10 = \square$

[2 marks]

27 Leila knows that

$$65 \times 3 = 195$$

[2000]

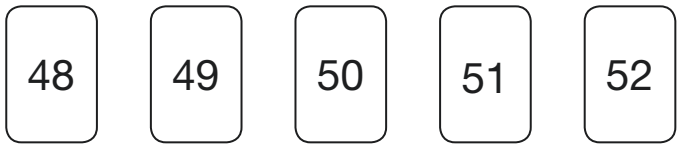
Explain how she can **use this information** to find the answer to this multiplication:

$$165 \times 3$$

[1 mark]

28 Here are five number cards.

[2015]



Use each card **once** to make every statement below correct.

☐ is a multiple of 3

☐ is a multiple of 4

☐ is a multiple of 5

☐ is a multiple of 6

☐ is a multiple of 7

[2 marks]

29 Three single-digit numbers multiply to make 504

[2012]

Write the missing numbers.

☐ × ☐ × ☐ = 504

[1 mark]

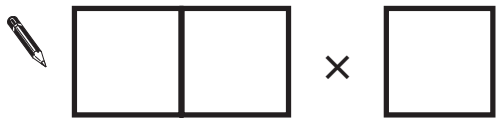
30 [2003]

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

[1 mark]

31 [2004]

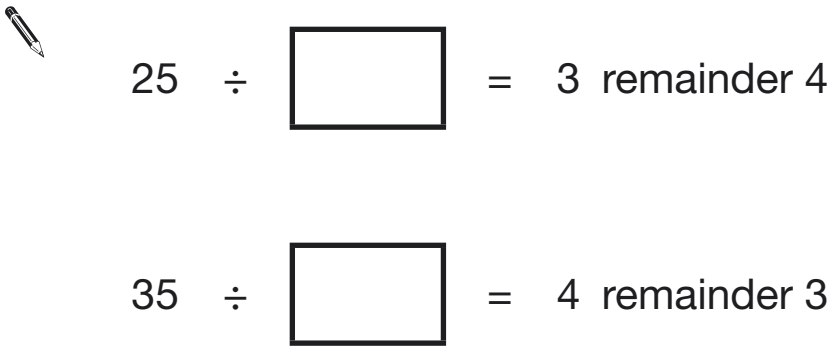
Use the digits **2**, **3** and **4** once to make the multiplication which has the **greatest product**.



[1 mark]

32 [2015]

Write the missing number in each calculation.



[1 mark]

33 [2011]

Two 2-digit numbers multiply to make 176

Write the two missing numbers.

[1 mark]

34 Write the two missing digits in this multiplication.

[2013]

$\square 9 \times \square 9 = 2001$

[1 mark]

35 Dev says,

[2011]

'When you halve any number that ends in 8 the answer always ends in 4'.

Is he correct?
Circle **Yes** or **No**.

Yes / No

Explain how you know.

[1 mark]

36 Write the missing number to make this calculation correct.

[2010]

$11 \times \square = 1111$

[1 mark]

37 [2008]

Nisha says,

'When you halve any even number, the answer is always an odd number'.

Is she correct?
Circle **Yes** or **No**.

Yes / No

Explain how you know.

[1 mark]

38 [2014]

Fill in the three missing whole numbers in this calculation.

Each number is less than 10

□ × □ × □ = 105

[1 mark]

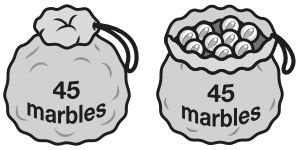
39

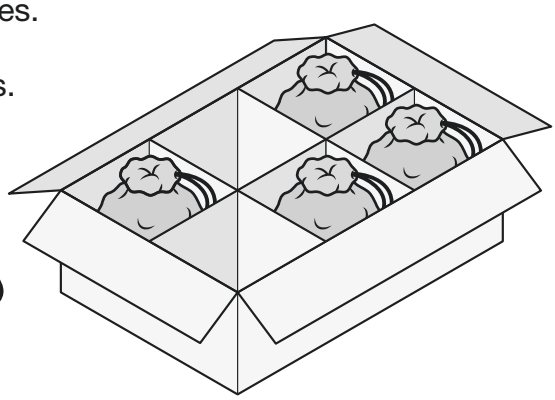
[2016]

A toy shop orders 11 boxes of marbles.

Each box contains 6 bags of marbles.

Each bag contains 45 marbles.





How many **marbles** does the shop order in total?

Show your method

[2 marks]

40

[2016]

$$5{,}542 \div 17 = 326$$

Explain how you can use this fact to find the answer to **18 × 326**

[1 mark]