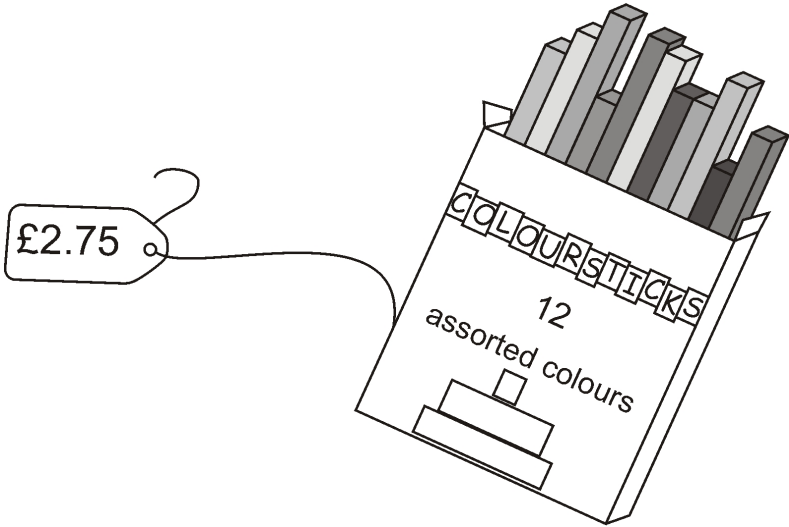


1

Pam has £1.37



She wants to buy a box of crayons which cost £2.75.  
 How much **more** money does she need?

£

1 mark

2

Write each of these shapes to the **nearest whole number**.

**13.7** is nearest to .....

**$8\frac{3}{8}$**  is nearest to .....

**3.38** is nearest to .....

2 marks

3

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



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

1 mark

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**?

seconds

1 mark

**4** It costs Ben **£4.16** to post **two** parcels.

One parcel costs **£3.32** to post.



How much does the **other** parcel cost to post?

1 mark

5

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  
method

A large grid for showing the method. A small empty box is provided for the final answer.

2 marks

**6** Join each fraction to the correct decimal card.

The first one has been done for you.



$$\frac{3}{10}$$

0.03

$$\frac{3}{5}$$

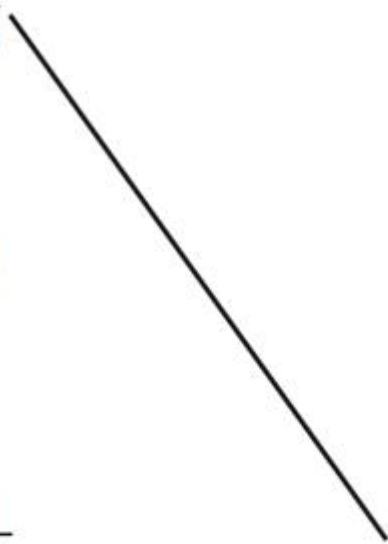
0.06

$$\frac{3}{100}$$

0.3

$$\frac{3}{50}$$

0.6



1 mark

**7** Calculate  $13.6 - 2.8$

1 mark

**8**  $0.4 = \frac{?}{100}$

1 mark

9

$$0.75 = \frac{?}{4}$$

1 mark

10

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

3.01

13.0

0.31

1.30

3.1

smallest

1 mark

11

The first two numbers in this sequence are 2.1 and 2.2

The sequence then follows the rule

***'to get the next number, add the two previous numbers'***

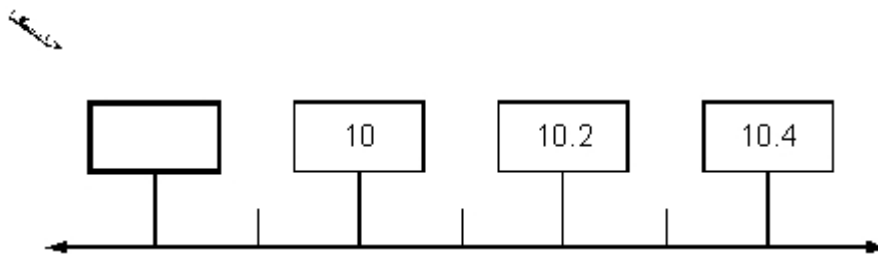
Write in the next two numbers in the sequence.

2.1     2.2     4.3     6.5       

2 marks

12

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



1 mark

13

Write the **same** number in each box to make this correct.

+  +  = 10.5

1 mark

14

Asim and Mike both buy **12** cans of lemonade.



pack of 4 cans  
**£1.20**

Asim buys 3 packs of 4 cans.



pack of 6 cans  
**£1.70**


Mike buys 2 packs of 6 cans.

Mike says to Asim,


***'You paid 50p more than me'.***

Is Mike correct?

Circle **Yes** or **No**.

 Yes / No

Explain how you know.

 .....

.....

.....

1 mark

15

A shop sells three types of sunglasses.

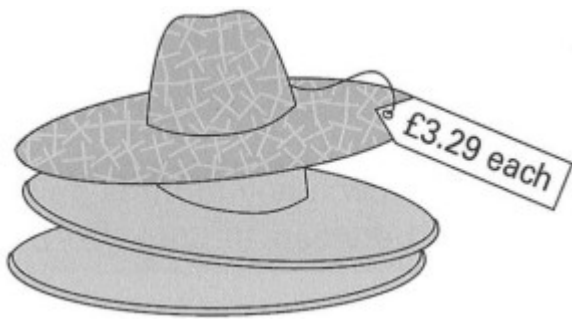


What is the **difference** in price between the **most** expensive and **least** expensive sunglasses?

£

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**?

Show your method

2 marks

16

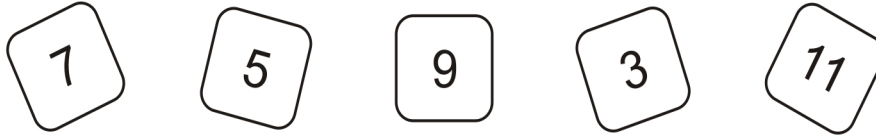
Calculate  $32.18 - 7.62$



1 mark

17

Here are some number cards.



Use **two** of the cards to make a fraction which is **less than**  $\frac{1}{2}$ .


$$\frac{\boxed{\phantom{0}}}{\boxed{\phantom{0}}}$$

1 mark

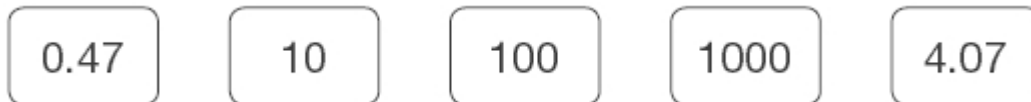
How much **less than 1** is your fraction?



1 mark

18

Here are five number cards.



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



$$47 \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = 40.7$$

1 mark



## Mark schemes

**1** £1.38  
*Accept also £1 38, (with clear space between 1 and 3) or £1.38p.*

[1]

**2** 14  
8  
3  
**2 marks** for all three correct answers.  
**1 mark** for any two correct answers.

[2]

**3** (a) 6 1  
(b) Jody *Accept 84.7 OR Lane 5 OR 5.* 1  
(c) 1.2 1

[3]

**4** 84p **OR** £0.84  
*Accept £0 84 OR £0.84p OR 0.84 OR 84 OR £.84 OR £.84p OR .84 OR 0 84*  
*Do not accept 0.84p OR £084p OR £84 OR £84p*

[1]

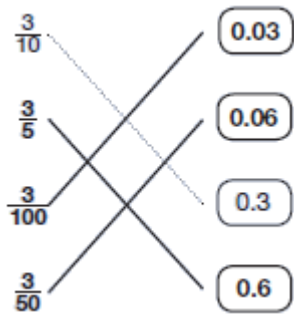
**5** Award **TWO** marks for the correct answer of 6.15  
If the answer is incorrect, award **ONE** mark for an appropriate calculation such as:

- $8.61 + 3.69 = 12.3$
- $18.45 - 12.3 = \text{incorrect answer.}$

up to 2

[2]

**6** Fractions connected correctly to decimals as shown:



[1]

**7** 10.8

[1]

**8** 40

[1]

**9** 3

[1]

**10** Numbers written in correct order as shown:

**0.31** **1.30** **3.01** **3.1** **13.0**

[1]

**11** Award **TWO** marks for the correct answer of

**10.8** AND **17.3**

If the answer is incorrect, award **ONE** mark for

**either**

**1m0.8** in the first box

**or**

a number in the second box, which is 6.5 greater than the answer given in the first box.

**Numbers must be in the correct order.**

Up to 2

[2]

**12** 9.8

[1]

**13**

Boxes completed as shown:

$$\boxed{3.5} + \boxed{3.5} + \boxed{3.5} = 10.5$$

Accept 3.5 written once.

Accept  $3\frac{1}{2}$ **[1]****14**

An explanation that recognises that Asim paid 20p more than Mike, eg

- 'Asim paid £3.60 and Mike paid £3.40 so Asim paid 20p more';
- 'Asim paid only 20p more for 3 lots of 4 cans';
- £3.60 is 20p more than £3.40, not 50p';
- 'Mike paid 20p less than Asim'.

**OR**

An explanation that recognises that Asim paid £3.60 and Mike paid £3.40, eg

- 'Asim paid £3.60 and Mike paid £3.40';
- 'Because 50p more would mean that Asim spent £3.90 but he spent £3.60';
- '£3.60 is not 50p more than £3.40'.

**Award** the mark if either **NO** is circled **OR** if neither 'Yes' or 'No' is circled, provided a correct unambiguous explanation is given.

**Do not** award the mark for circling 'No' alone.

**Do not** accept an explanation which makes comparisons between incorrect amounts of money, eg

- 'Asim's only cost him £3.40 and Mike's cost him £3.80';
- 'Because  $2 \times £1.70 = £2.40$  and  $3 \times £1.20 = £3.60$  and £3.60 is 120p more than £2.40 not 50p more than £2.40'.

**Do not** accept an explanation which makes comparisons between the price of one of each pack, eg

- 'Because 4 cans cost £1.20 and 6 cans cost £1.70 so take the cost of  $£1.20 - £1.70 = 50p$ '.

**Do not** accept an explanation which is vague or ambiguous or merely restates the question, eg

- 'I know that Mike must be wrong because Mike's costs a lot more than 50p more';
- 'I know Mike paid 50p more'.

U1

**[1]**

**15**

(a) £2.86

1

(b) Award **TWO** marks for the correct answer of £2.02 **OR** 202pIf the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

$$4.69 + 3.29 = 7.98$$

$$10 - 7.98 = \text{wrong answer}$$

Accept for **ONE** mark £202p **OR** £202 **OR** 2.02p as evidence of appropriate working

Calculation must be performed for the award of **ONE** mark

Up to 2

**[3]****16**

24.56

**[1]****17**(a)  $\frac{3}{7}$  OR  $\frac{3}{9}$  OR  $\frac{3}{11}$  OR  $\frac{5}{11}$ 

Accept only fraction formed by the cards given.

1

(b)  $\frac{4}{7}$  OR  $\frac{6}{9}$  OR  $\frac{8}{11}$  OR  $\frac{6}{11}$ 

consistent with part (a).

If part (a) is incorrect, accept working of  $1 - (\text{answer to part (a)})$  provided the numbers used are on the cards.

Accept decimals.

If answer to part (a) is greater than 1, answer to part (b) must be negative.

1

**[2]****18**

$$47 \div \boxed{100} = \boxed{0.47}$$

**AND**

$$\boxed{4.07} \times \boxed{10} = 40.7$$

Numbers within calculations may be given in either order.

**[1]**