

**FRACTIONS OF AN AMOUNT**

**Pearson Edexcel - Thursday 4 June 2020 - Paper 2 (Calculator) Foundation Tier**

1.

**19** Adam, Linda and Rytis share an amount of money.

Linda gets three times as much money as Rytis gets.

Linda gets half as much money as Adam gets.

What fraction of the amount of money does Linda get?

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**(Total for Question 19 is 2 marks)**

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**Pearson Edexcel - Monday 8 June 2020 - Paper 3 (Calculator) Foundation Tier**

2.

**2** Work out  $\frac{1}{3}$  of 24

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**(Total for Question 2 is 1 mark)**

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Pearson Edexcel - Tuesday 21 May 2019 - Paper 1 (Non-Calculator) Foundation Tier

3.

14 (a) Work out  $\frac{1}{5}$  of 70

.....  
(1)

Fiona has to work out the exact value of  $48 \div \frac{1}{2}$   
She writes

$$48 \div \frac{1}{2} = 24$$

Fiona's reason is,

“There are 2 halves in 1, so there will be 24 halves in 48”

(b) Explain what is wrong with Fiona's reason.

.....  
.....  
.....  
(1)

.....  
**(Total for Question 14 is 2 marks)**

Pearson Edexcel - Tuesday 11 June 2019 - Paper 3 (Calculator) Foundation Tier

4.

6 Work out 20% of 80

.....  
**(Total for Question 6 is 2 marks)**

5.

**10** Bill has 400 counters in a bag.

He gives

35 of the counters to Sameena

50 of the counters to Henry

75 of the counters to Lucas

What fraction of the 400 counters is left in Bill's bag?

Give your fraction in its simplest form.

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(Total for Question 10 is 3 marks)

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**Pearson Edexcel - Monday 12 November 2018 - Paper 3 (Calculator) Foundation Tier**

6.

**4** Work out  $\frac{1}{8}$  of 720

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(Total for Question 4 is 1 mark)

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Pearson Edexcel - Thursday 24 May 2018 - Paper 1 (Non-Calculator) Foundation Tier

7.

14 Gavin, Harry and Isabel each earn the same monthly salary.

Each month,

Gavin **saves** 28% of his salary and spends the rest of his salary

Harry spends  $\frac{3}{4}$  of his salary and **saves** the rest of his salary

the amount of salary Isabel saves : the amount of salary she spends = 3 : 7

Work out who saves the most of their salary each month.

You must show how you get your answer.

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(Total for Question 14 is 4 marks)

Pearson Edexcel – Specimen 2 - Paper 2 (Calculator) Foundation Tier

8.

5

**Living to 100 years old**

1 in 3 babies born last year  
are expected to live  
to 100 years old

720 000 babies were born last year.

How many of these babies are expected to live to 100 years old?

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(Total for Question 5 is 2 marks)

**Pearson Edexcel – Specimen 1 - Paper 1 (Non-Calculator) Foundation Tier**

9.

**18** There are 500 passengers on a train.

$\frac{7}{20}$  of the passengers are men.

40% of the passengers are women.

The rest of the passengers are children.

Work out the number of children on the train.

.....  
**(Total for Question 18 is 3 marks)**

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**Pearson Edexcel – Specimen 1 - Paper 2 (Calculator) Foundation Tier**

10.

15 (a) Work out  $\frac{4}{5}$  of 210 cm.

..... cm  
(1)

(b) Work out  $(6 - 2.5)^2 + \sqrt{9.34 - 2.58}$

.....  
(2)

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**(Total for Question 15 is 3 marks)**

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OCR – Tuesday 03 November 2020- Morning - Paper 1 (Calculator) Foundation Tier

11.

- 14 Harry is paid £8.60 per hour for the first 30 hours he works each week.  
After 30 hours he is paid  $1\frac{1}{2}$  times the hourly rate.

Last week, Harry worked for 33 hours.

He was also paid a bonus of  $\frac{1}{10}$  of his earnings for that week.

Calculate how much Harry was paid in **total** last week.

£ ..... [6]



**OCR Thursday 6 June 2019 – Morning (Non-Calculator) Foundation Tier**

12.

- 19 One day, a group of people had a driving test.  
40 of this group were men and the rest were women.  
 $\frac{3}{5}$  of the men and  $\frac{2}{3}$  of the women passed the driving test.  
The number of men and women that passed the driving test was the same.

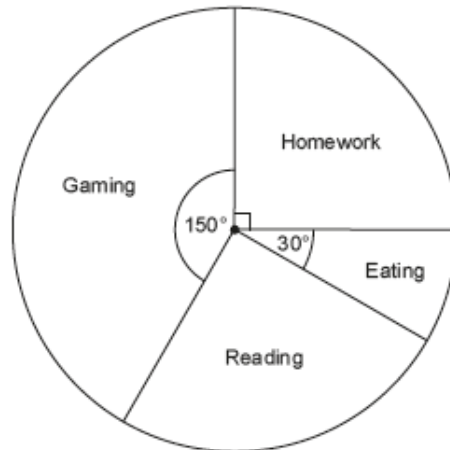
Work out the number of women that took the driving test that day.

..... [5]

OCR Tuesday 11 June 2019 – Morning (Calculator) Foundation Tier

13.

10 The pie chart shows how Jack spent his time one evening.



(a) On which activity did Jack spend most time?

(a) ..... [1]

(b) Jack says

I spent  $\frac{1}{3}$  of my time on Gaming.

Show that he is not correct.

..... [2]

(c) The pie chart represents 5 hours.

Find the time, in hours and minutes, that Jack spent reading.

(c) ..... h ..... min [4]

OCR Thursday 8 November 2018 – Morning (Non-Calculator) Foundation Tier

14.

2 Work out.

(a)  $\frac{1}{2}$  of 12

(a) ..... [2]

(b)  $8 \times \frac{1}{5}$

Give your answer as a mixed number.

(b) ..... [2]

(c) Isaac and Maya eat part of a pizza.

Isaac eats  $\frac{1}{6}$  of the pizza.

Maya then eats  $\frac{3}{5}$  of the **remaining** pizza.

What fraction of the original pizza is left?

(c) ..... [4]

**OCR Thursday 7 June 2018 – Morning (Non Calculator) Foundation Tier**

15.

11 (a) Liu has a bag only containing red grapes and green grapes.

$\frac{4}{9}$  of the grapes are red.

If there are 8 red grapes in the bag, how many grapes are green?

(a) ..... [3]

(b) Sophia has a different bag only containing red grapes and green grapes.

The number of grapes in her bag is different, but  $\frac{4}{9}$  of the grapes are also red.

She picks out a red grape from her bag and eats it.

$\frac{3}{7}$  of the remaining grapes in her bag are red.

How many of the remaining grapes in her bag are red and how many are green?

(b) ..... red grapes

..... green grapes [2]

Pearson Edexcel – Sample Papers - Paper 3 (Calculator) Foundation Tier

16.

- 3** There are 6760 people at a rugby match.  
3879 of the people are men.  
1241 of the people are women.

$\frac{1}{4}$  of the children are girls.

Work out how many boys are at the rugby match.

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(Total for Question 3 is 3 marks)

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