INTERNATIONAL
MATHEMATICS

0607 P2

2020 - 2025

QUESTIONS + ANSWERS

1 - (0607/21_Summer_2020_Q3) ANSWER

Work out $\frac{3}{4} \div 2\frac{1}{2}$.

Give your answer as a fraction in its lowest terms.

..... [3]

2 - (0607/21_Summer_2020_Q4) ANSWER

A truck of length 10 m passes a gate of length 2 m.
The speed of the truck is 8 m/s.

Find the time the truck takes to completely pass the gate.

..... s [2]

3 - (0607/21_Summer_2020_Q10) ANSWER

When Jack sells a computer for $264 he makes a profit of 20%.

Work out the price Jack paid for the computer.

$ ..... [2]

4 - (0607/22_Summer_2020_Q1) ANSWER

31 37 39 49 51 53 77 87

From this list write down **all** the prime numbers.

..... [2]

5 - (0607/22_Summer_2020_Q2) ANSWER

Work out 15% of 600.

..... [2]

6 - (0607/22_Summer_2020_Q3) ANSWER

Work out.

(a) 0.06×0.12

..... [1]

(b) 0.2^3

..... [1]

(c) $\frac{0.4}{0.08}$

..... [1]

7 - (0607/22_Summer_2020_Q4) ANSWER

A bag contains red balls, blue balls and green balls only.
There are twice as many blue balls as green balls.
There are twice as many red balls as blue balls.
There are 16 blue balls in the bag.

Find the total number of balls in the bag.

..... [2]

8 - (0607/22_Summer_2020_Q5) ANSWER

Dippi buys 5 burgers and 4 bags of chips for a total cost of $8.10 .
Burgers cost $1.10 each.

Find the cost of one bag of chips.

$ ..... [3]

1 - (0607/21_Summer_2020_Q3) QUESTION

	$\frac{3}{10}$	**3**	**M2** for $\frac{3}{4}\times\frac{2}{5}$ or $\frac{15}{20}\div\frac{50}{20}$ oe or **M1** for $\frac{5}{2}$ or $\frac{2}{5}$ seen

2 - (0607/21_Summer_2020_Q4) QUESTION

	1.5 oe	**2**	**M1** for $\frac{10+2}{8}$

3 - (0607/21_Summer_2020_Q10) QUESTION

	220	**2**	**M1** for $\frac{264}{1+\frac{20}{100}}$ oe

4 - (0607/22_Summer_2020_Q1) QUESTION

	31 37 53	**2**	**B1** for a correct prime

5 - (0607/22_Summer_2020_Q2) QUESTION

	90	**2**	**M1** for 0.15×600 oe or **B1** for a correct percentage stated, e.g. 10% = 60

6 - (0607/22_Summer_2020_Q3) QUESTION

(a)	0.0072 oe	**1**	
(b)	0.008 oe	**1**	
(c)	5	**1**	

7 - (0607/22_Summer_2020_Q4) QUESTION

	56	**2**	**M1** for 32 or 8 seen

8 - (0607/22_Summer_2020_Q5) QUESTION

	0.65	**3**	**M2** for $\frac{8.10-5\times1.1}{4}$ oe or **M1** for 5×1.1

9 - (0607/22_Summer_2020_Q7) QUESTION

(a)	$1.29\times10^{[1]}$	**2**	**B1** for equivalent answer not in standard form or figs 129
(b)	6.3×10^{-2}	**2**	**B1** for equivalent answer not in standard form or figs 63

10 - (0607/23_Summer_2020_Q1) QUESTION

(a)	0.0480	**1**	
(b)	60400	**1**	