




# Countdown to your final Maths exam ... Foundation Tier only ... Part 2 (2020)

	Marks	Actual	  
Q1. Read and use information from a table	3		
Q2. Add, subtract and multiply integers	3		
Q3. Negatives in context	3		
Q4. Calculate quantity using length	3		
Q5. Fraction / decimal conversion / Decimals	4		
Q6. Addition and division	3		
Q7. Order of operations	2		
Q8. Division	2		
Q9. Place value	4		

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NON-CALCULATOR

## Questions

**Q1.** A shop sells computers. The table shows the number of laptops and the number of tablets sold in June, in July and in August.

	June	July	August
Laptops	38	55	41
Tablets	54	43	65

The shop sold more tablets than laptops. How many more tablets?

(3)

**Q2.** (a) Work out  $27 + 38$

(1)

(b) Work out  $202 - 75$

(1)

(c) Work out  $2 \times 3 \times 5$

(1)

**Q3.** The diagram shows the temperatures in 6 cities at midnight one day.

(a) Which city had the highest temperature?

(1) Edinburgh  $-6^{\circ}\text{C}$

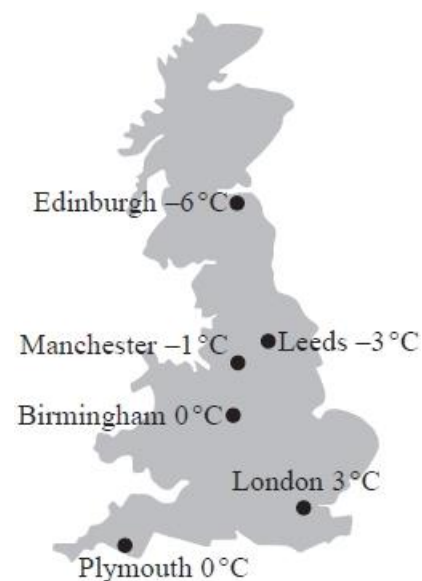
(b) Work out the difference in temperature between

(i) Manchester and Edinburgh,

.....  $^{\circ}\text{C}$

(ii) London and Leeds.

.....  $^{\circ}\text{C}$



(2)

**Q4.** A piece of wire is 240 cm long

Peter cuts two 45 cm lengths off the wire.

He then cuts the rest of the wire into as many 40 cm lengths as possible.

Work out how many 40 cm lengths of wire Peter cuts.

**(3)**

**Q5.** (a) Write  $\frac{1}{5}$  as a decimal.

**(1)**

(b) Write 0.37 as a fraction.

**(1)**

(c) Work out  $1 \div 0.25$

**(1)**

(d) Work out  $-2 \times -3$

**(1)**

**Q6.** Mr Pole is organising a school trip to London. The table shows the number of students going on the trip.

Year	Number of Students
7	112
8	65
9	38
10	0
11	0

Mr Pole needs to book coaches for the trip.

Each coach has seats for 50 passengers. There are going to be 3 adult helpers on each coach.

Work out the least number of coaches needed.

**(3)**

**Q7.** (a) Work out the value of  $5 \times 2 + 8$

**(1)**

(b) Work out the value of  $(13 - 6) \times 2$

**(1)**

**Q8.** There will be 30 people at a party. There have to be enough chairs and tables for all 30 people. There will be 4 chairs at each table. What is the least number of tables needed?

**(2)**

**Q9.** Here are four digits.            8        2        4        3

(a) (i) Use two of these digits to make the smallest possible two-digit number.

(ii) Use three of these digits to make the three-digit number closest to 300

**(2)**

Here are four different digits.            5        1        7        9

(b) (i) Put one digit in each box to make the largest total. You may only use each digit once.

		+		
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(ii) Write down the total.

**(2)**