

Countdown to your final Maths exam ...

Foundation Tier only ... Part 3 (2020)

	Marks	Actual	  
Q1. Rounding, multiplication, division & fractions	5		
Q2. Types of number	4		
Q3. Multiples	1		
Q4. Roots and powers	3		
Q5. Multiples, factors and primes	3		
Q6. Roots and powers	2		
Q7. Types of number	3		
Q8. Roots and powers	1		
Q9. Prime numbers	3		
Q10. Order of operations / Primes / Ratio	6		
Q11. Use of calculator	4		

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NON-CALCULATOR UNLESS INDICATED

Questions

Q1.(a) Write the number **7378** to the nearest hundred. (1)

(b) Write the number **6402** in words. (1)

(c) Work out 54×1000 (1)

(d) Work out $\frac{1}{4}$ of 28 kg. (1)

(e) Work out $9 + 12 \div 3$ (1)

Q2. Here is a list of numbers.

5 15 30 50 60 90 100 125

From the numbers in the list, write down

(i) two different numbers that add up to an even number

(ii) a multiple of 20

(iii) a factor of 45

(iv) a cube number (4)

Q3. Write down a multiple of 6 that is between 40 and 50 (1)

Q4. (a) Write down the value of $\sqrt{81}$ (1)

(b) Work out the value of $5^2 + 2^3$ (2)

Q5. Here is a list of numbers.

4 5 30 31 39 49 72 100

From the list, write down

(i) a multiple of 8

(ii) a factor of 50

(iii) a prime number (3)

Q6. (a) Write down the value of $\sqrt{64}$ (1)

(b) Work out the value of 5^3 (1)

Q7. Here is a list of numbers.

2 3 10 12 15 16 24

From the list write down

(a) an odd number

(1)

(b) a multiple of 6

(1)

(c) a factor of 18

(1)

Q8. Write down a square number that is also an odd number.

(1)

Q9. Here is a list of numbers.

1 2 4 5 7 11 13 14 15 17

From the list, write down **three different** prime numbers that add together to make 20

(3)

Q10. (a) Write the number 20 400 in words.

(1)

(b) Work out 3×-7

(1)

(c) Work out $3 \times (2 + 7)$

(1)

(d) Find the value of 2^4

(1)

Here is a list of numbers.

4 5 8 9 12

(e) From the list, write down the prime number.

(1)

(f) Write the ratio 2 : 6 in its simplest form.

(1)

Q11. Use your calculator to work out

(a) 5.7×6.3

(1)

(b) $\sqrt{1.44}$

(1)

(c) 1.9^3

(1)

(d) $\frac{1}{0.625}$

(1)