




Countdown to your final Maths exam ...

Foundation Tier only ... Part 1 (2020)

Integers & Place Value

	Marks	Actual	  
Q1. Order integers and decimals	2		
Q2. Read scales, numbers into words, place value	3		
Q3. Decimal addition, fraction of an amount, place value	3		
Q4. Addition, subtraction and multiplication	3		
Q5. Order fractions, decimals & percentages	3		
Q6. Order integers / decimals, fraction -> decimals, fractions	4		
Q7. Integer measures problem solving	2		
Q8. Using information in a table	5		
Q9. Money problem solving	4		

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NON-CALCULATOR UNLESS SPECIFIED

Questions

Q1. (a) Write these numbers in order of size. Start with the smallest number.

3517

7135

5713

1357

(1)

(b) Write these numbers in order of size. Start with the smallest number.

0.354

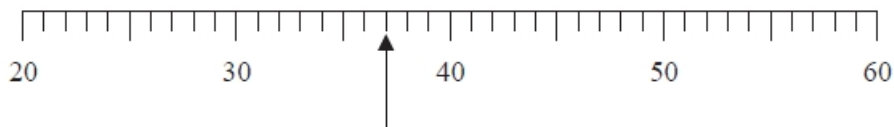
0.4

0.35

0.345

(1)

Q2. (a) Write down the number marked with the arrow.



(1)

(b) Write the number **twenty three thousand and seventy nine** in figures.

(1)

(c) Write down the value of the **8** in 3876

(1)

Q3. (a) Work out $17.2 + 25.8$

(1)

(b) Work out $\frac{1}{4} \times 60$

(1)

(c) Write down the value of the 3 in 18.35

(1)

Q4. (a) Work out $27 + 38$

(1)

(b) Work out $202 - 75$

(1)

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

(1)

Q5. (a) Write these numbers in order of size. Start with the smallest number.

0.401

0.46

0.37

0.439

(1)

(b) Write these numbers in order of size. Start with the smallest number.

75% $\frac{7}{8}$ 0.25 $\frac{1}{2}$ $\frac{2}{3}$

(2)

Q6. (a) Write these numbers in order of size. Start with the smallest number.

3007 4435 399 4011 3333

(1)

(b) Write these numbers in order of size. Start with the smallest number.

3.7 5.62 0.7 14.3

(1)

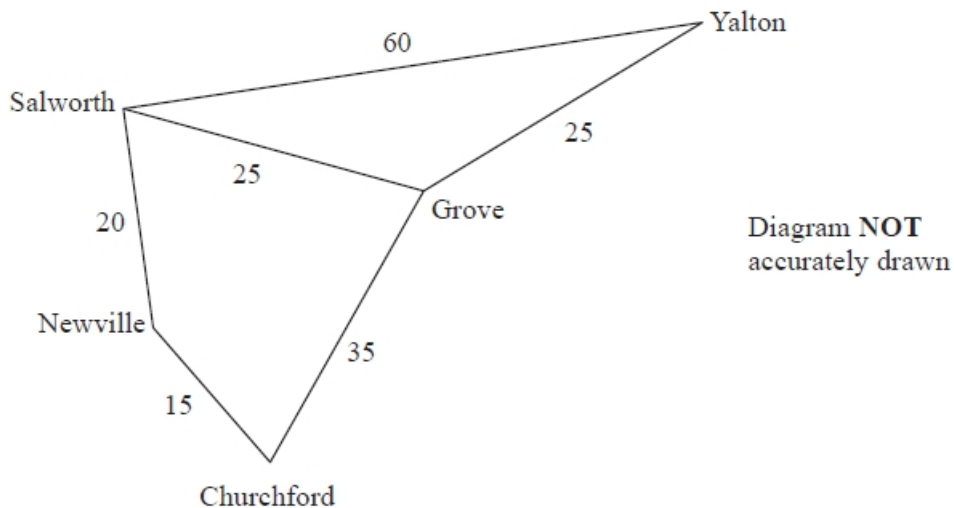
(c) Write $\frac{9}{10}$ as a decimal.

(1)

(d) Write $\frac{11}{8}$ as a mixed number.

(1)

Q7. The diagram shows the distances by rail, in kilometres, between five towns.



Work out the shortest distance by rail between Newville and Yalton.

(2)

Q8. Jamie and Lily are at college.

They want to buy some lockers for their common room.
They decide to do a sponsored walk to raise the money to buy the lockers.

Some people will give them money for each mile they walk.
Some people will give them a fixed amount of money.

Here are Jamie's and Lily's sponsor forms.

Jamie's Form		
Name	Amount	Total
Jane	£1 per mile	
Neil	£12	£12
Nasir	£2 per mile	
	Total	

Lily's Form		
Name	Amount	Total
Claire	£10	£10
Ben	£15	£15
John	£1 per mile	
Sam	£5	£5
	Total	

Jamie and Lily each walk 18 miles. The lockers cost £108

Do Jamie and Lily get enough money to buy the lockers? You must show your working.

(5)

Q9. Jane can claim expenses when she drives as part of her job. She can claim 35p for every mile she drives.

For one journey she writes down

Mileage at end of journey	8565
Mileage at start of journey	8437

Work out how much money Jane can claim for this journey.

(4)