

AQA GCSE Mathematics Calculator 2022 Foundation Paper 3 Revision Worksheet

Questions 1–12

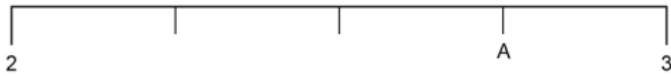
1. What is the clockwise turn from North to East?

Circle your answer. 45° 90° 270° 315°

2. d is 6 more than c .

Circle the correct equation. $d = 6c$ $c = 6d$ $d = c + 6$ $c = d + 6$

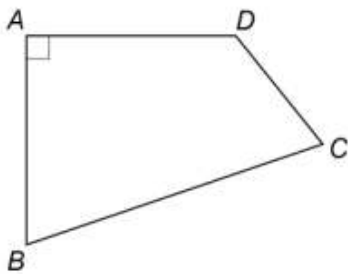
3. Here is a number line.



Which number is at A?

Circle your answer. 2.3 2.55 2.6 2.75

4. In the quadrilateral, which angle is obtuse?



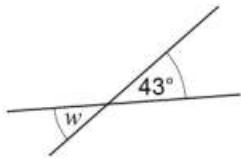
Circle your answer. ADC BAD CBA DCB

5. (a) Write down the two prime numbers between 25 and 35

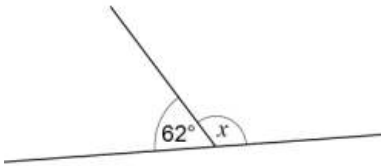
Answer _____ and _____

- (b) Write down one cube number between 100 and 300
-

6. (a) Here are two straight lines. **Write down the size of angle w.**



- (b) Here are two different straight lines. **Work out the size of angle x.**



- (c) In a triangle, two of the angles are 51° and 74° . **Work out the size of the third angle**

7. (a) Solve $12 - e = 0$

- (b) Solve $7f = 0$

8. Put these probabilities in order, starting with the least likely. 72% 0.705 7/10

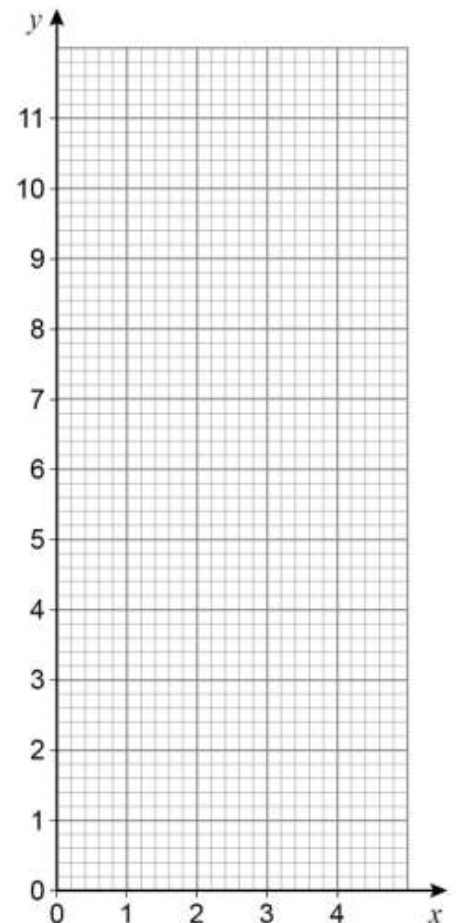
9. The x-values in the table make a linear sequence. The y-values in the table make a different linear sequence.

x	0	2	4	6	8	
y	3	7	11		19	23

- (a) Complete the table.

- (b) Draw a straight line passing through the points (0, 3), (2, 7) and (4, 11).

- (c) Use the graph to work out the value of y when $x = 3$.



10. (a) When 5 is added to a negative number, the answer can be positive.

Give one example to show that this is correct.

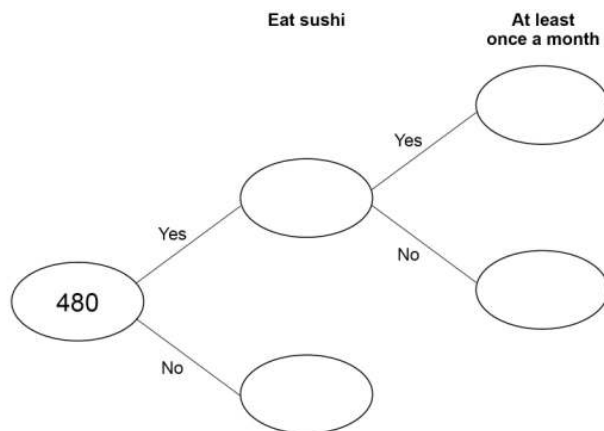
- (b) When 5 is added to a negative number, the answer can be negative.

Give one example to show that this is correct.

- (c) When a number is doubled, the answer is always greater than the original number.

Give one example to show that this is not correct.

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11. 480 people are asked if they eat sushi. 20% say Yes. $\frac{2}{3}$ of the people who say Yes eat sushi at least once a month. **Complete the frequency tree.**



12. Event A has taken place every 4 years. Event B has taken place every 3 years. Both events took place in 2019. Work out the last year, before 2019, when both events took place.