

1. Circle the **largest** number in the list below.



3.014    3.041    3.401    3.140    3.104

\_\_\_\_\_ 1 mark

2. Craig is following a recipe.  
He needs to convert some measurements from kg to g.

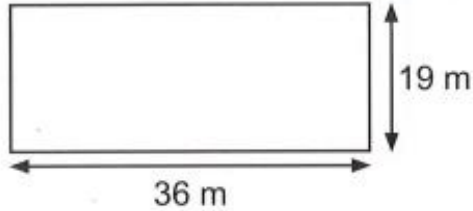
Complete the conversion chart below.



Ingredient	Amount (kg)	Amount (g)
Flour	1.2 kg	
Butter	0.4 kg	
Sugar	0.75 kg	


\_\_\_\_\_ 1 mark

3. Find the perimeter and area of the rectangular field shown in the diagram below.



 Perimeter =  m

\_\_\_\_\_ 1 mark

 Area =  m<sup>2</sup>

\_\_\_\_\_ 1 mark

4. The city of La Rinconada is 5100 m **above** sea level.  
The city of Jericho is 258 m **below** sea level.


What is the difference in height between these two cities?

  m

1 mark

Salton City in California is 38 m **below** sea level.

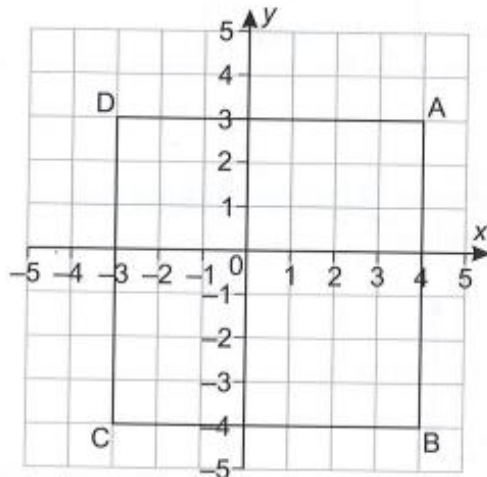
How many more metres below sea level is Jericho than Salton City?


  m

1 mark

5. A square is drawn on the set of axes below.

What are the coordinates of each of the vertices of the square?



 A =  (  ,  )

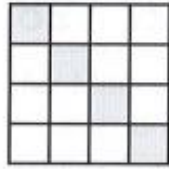
B =  (  ,  )

C =  (  ,  )

D =  (  ,  )

2 marks

6. Draw lines to connect the shaded fractions on the left with their equivalent fractions on the right. One has been done for you

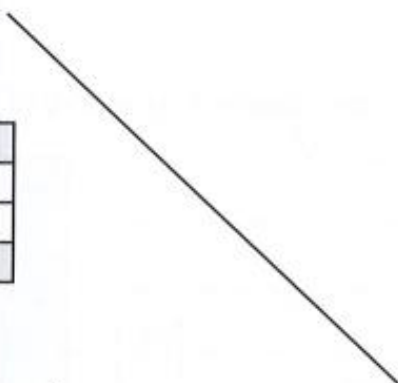


$$\frac{1}{5}$$

$$\frac{3}{8}$$

$$\frac{1}{3}$$

$$\frac{1}{4}$$



1 mark

7. Leo made £320 from his cake stall at the school fair. 40% of the money he made was used to buy new cookery books for the school.

How much money was spent on cookery books?

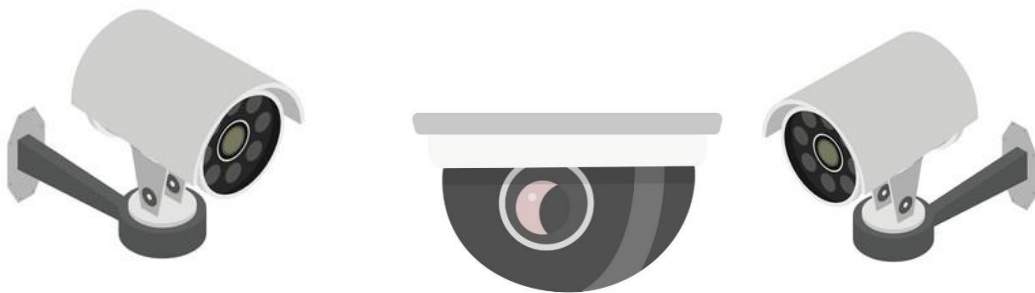


£

1 mark



*Only Scroll down if you have finished your homework.*





*Answers to be revealed on the next page!*

Test 2 — pages 5-7

1. 1 mark

3.401

Topic tested: DECIMALS

2. 1 mark for all three correct

1200 g, 400 g, 750 g

Topic tested: CONVERTING UNITS

3. 1 mark for correct answer

Perimeter =  $19 + 36 + 19 + 36 = 110$  m

1 mark for correct answer

$$\begin{array}{r} \text{Area} = \quad 36 \\ \quad \times 19 \\ \hline \quad 324 \\ \quad 360 \\ \hline \underline{684} \text{ m}^2 \end{array}$$

Topics tested: AREA & PERIMETER

4. 1 mark for correct answer

From  $-258$  to  $0$  is  $258$ .

From  $0$  to  $5100$  is  $5100$ .

So  $-258$  to  $5100$  is  $258 + 5100 = 5358$  m

1 mark for correct answer

From  $-258$  to  $-58$  is  $200$ .

From  $-58$  to  $-38$  is  $20$ .

So  $-258$  to  $-38$  is  $200 + 20 = 220$  m

Topic tested: NEGATIVE NUMBERS

5. 2 marks for all four correct, otherwise

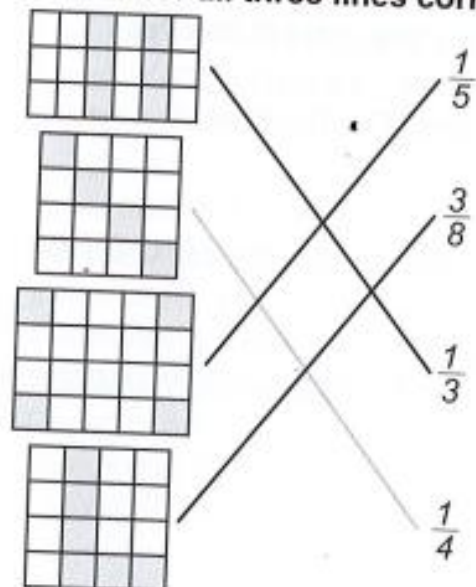
1 mark for two or three correct

$A = (4, 3)$ ,  $B = (4, -4)$ ,

$C = (-3, -4)$ ,  $D = (-3, 3)$

Topic tested: COORDINATES

6. 1 mark for all three lines correct



Topic tested: FRACTIONS

7. 1 mark for correct answer

$10\%$  of  $\pounds 320 = \pounds 320 \div 10 = \pounds 32$

$40\%$  of  $\pounds 320 = \pounds 32 \times 4 = \pounds 128$

Topic tested: PERCENTAGES