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**Answer ALL TWENTY SEVEN questions.**

**Write your answers in the spaces provided.**

**You must write down all the stages in your working.**

**1** The table shows the distance, in kilometres, from London to each of five cities.

City	Distance (km)
Rio de Janeiro	9280
New York	5567
Manila	10734
Sydney	16983
Kolkata	7962

(a) Write the number 9280 in words.

.....  
(1)

(b) Which of the five cities is nearest to London?

.....  
(1)

(c) Write down the value of the 7 in 10734

.....  
(1)

(d) Which of the five cities is **seven thousand nine hundred and sixty two** kilometres from London?

.....  
(1)

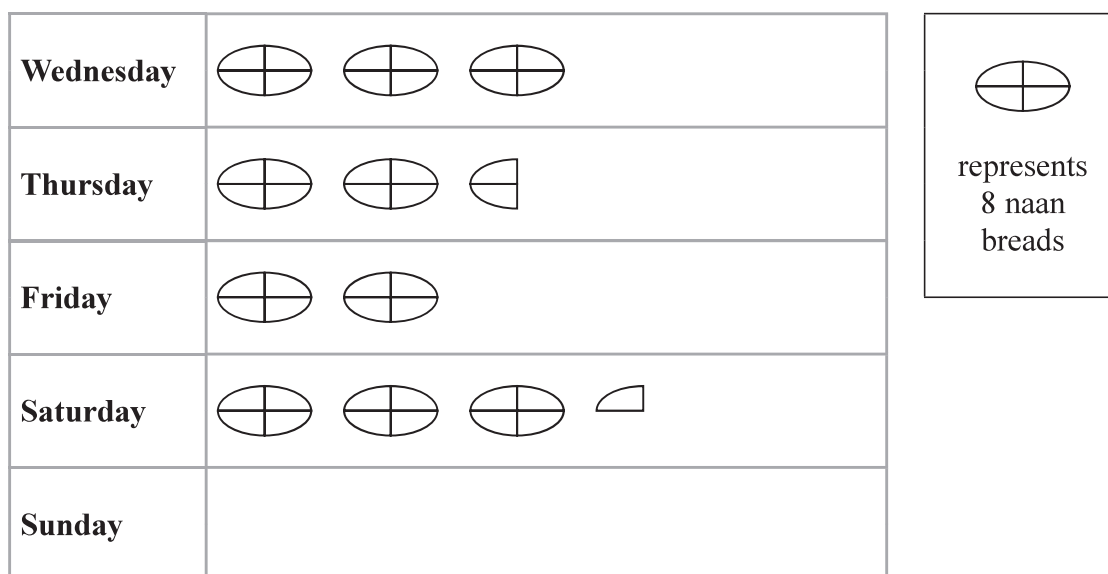
(e) Write the number 16983 correct to the nearest thousand.

.....  
(1)

**(Total for Question 1 is 5 marks)**



- 2 The pictogram shows information about the number of naan breads sold in a restaurant each day from Wednesday to Saturday.



- (a) How many naan breads were sold on Wednesday?

.....  
(1)

More naan breads were sold on Saturday than were sold on Friday.

- (b) How many more?

.....  
(2)

12 naan breads were sold in the restaurant on Sunday.

- (c) Show this information on the pictogram.

(1)

The manager of the restaurant says,

“More than 100 naan breads were sold in the restaurant from Wednesday to Sunday.”

- (d) Is the manager correct?

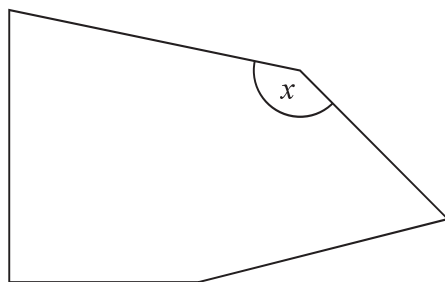
You must show your working.

.....  
(2)

(Total for Question 2 is 6 marks)



3 Here is a pentagon.

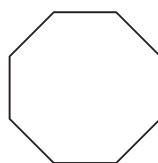


acute      obtuse      reflex      right

(a) Write down the word from the box that describes the angle marked  $x$ .

..... angle  
(1)

(b) Write down the mathematical name of the following polygon.



.....  
(1)

**(Total for Question 3 is 2 marks)**

4 Imran throws an ordinary fair dice.

(a) On the probability scale, mark with a cross (×) the probability that the dice will land on 10



(1)

(b) On the probability scale, mark with a cross (×) the probability that the dice will land on an odd number.



(1)

**(Total for Question 4 is 2 marks)**



5 Here is a list of eight numbers.

10      23      27      30      42      52      74      81

From the list, write down

(i) a square number

.....

(ii) a factor of 50

.....

(iii) a prime number.

.....

**(Total for Question 5 is 3 marks)**

6 (a) Work out the value of  $\frac{9.24 \times 4.35}{6.57 + 2.19}$

Give your answer as a decimal.

Write down all the figures on your calculator display.

.....

(2)

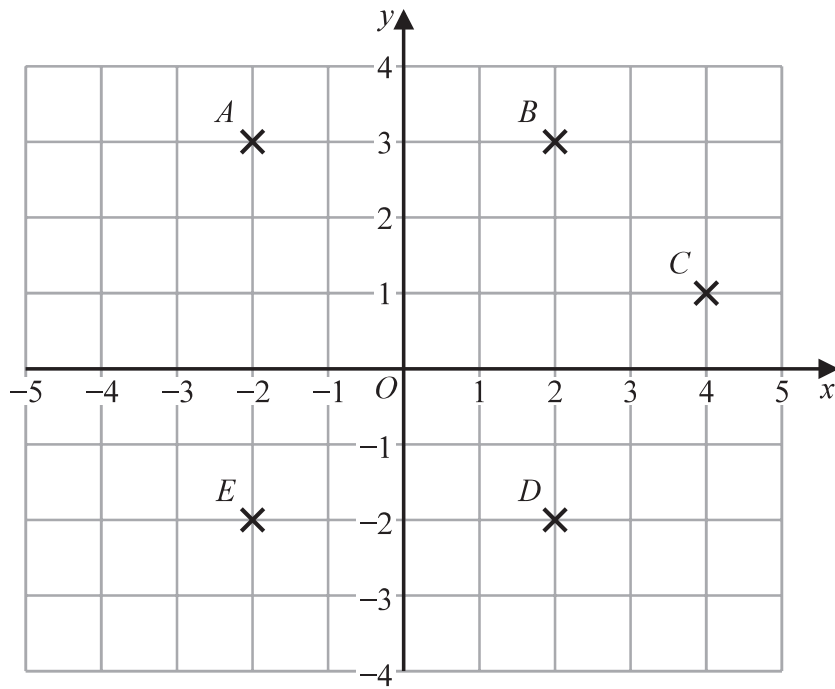
(b) Give your answer to part (a) correct to 2 significant figures.

.....

(1)

**(Total for Question 6 is 3 marks)**





- (a) Write down the coordinates of point *B*.

(....., .....)  
(1)

- (b) Write down the letter of the point with coordinates (2, -2)

.....  
(1)

- (c) Find the coordinates of the midpoint of *AC*.

(....., .....)  
(2)

**(Total for Question 7 is 4 marks)**



8 Sandeep has 1200 rupees to spend on pencils.  
Each pencil costs 45 rupees.

Sandeep buys as many pencils as he can.

Work out how much change Sandeep should get.

..... rupees

**(Total for Question 8 is 3 marks)**

9 Anjali travels from Beijing to Shanghai by train.

The train leaves Beijing at 0725

The train arrives in Shanghai at 1315 the same day.

Work out how long the train takes to travel from Beijing to Shanghai.

Give your answer in hours and minutes.

..... hours ..... minutes

**(Total for Question 9 is 2 marks)**



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10 The diagram shows kite  $ABCD$ .

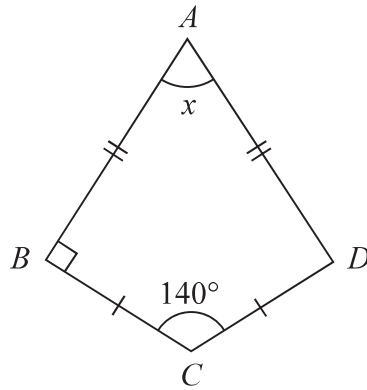


Diagram **NOT** accurately drawn

(a) Work out the size of the angle marked  $x$ .

.....  
(2)

The diagram shows kite  $PQRS$ .

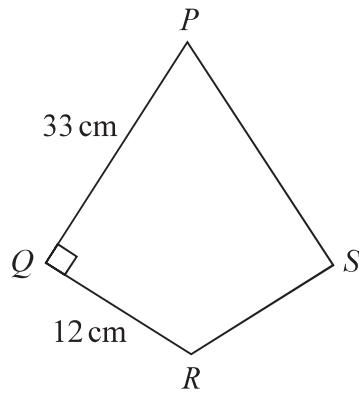


Diagram **NOT** accurately drawn

(b) Work out the area of kite  $PQRS$ .

.....  $\text{cm}^2$   
(2)

(Total for Question 10 is 4 marks)

