Name :
Group: 57
Date: 08-03-2021

Total points: /49

1) Copy and complete these calculations by filling in the empty boxes. (3 points, 1 each)

a $2.5 \times \square = 250$ **b** $3.2 \div \square = 0.0032$ **c** $0.17 \square 10 = 1.7$

2) Tiago has a 0.3 l bottle of medicine. (2 points)
He is told to take two 5 ml spoonfuls of medicine three times a day.
How many days will the medicine last?

3 Should you carry out a survey or an experiment to collect the primary data for these questions? (2 points, 1 each)

a How many times does a dice land on '6' when it is rolled 30 times?
b Who is the favourite sports personality of the students in your class?

4) Work these out. (4 points, 1 each)

a 13.45 + 9.3 = **b** 8 + 9.76 + 23.45 = **c** 45.95 − 23.7= **d** 239.8 − 47.64 =

5) Shona goes for a run four times a week. (2 points)
During one week she runs 3.6 km, 4.85 km, 10.5 km and 7.45 km.
How far did Shona run in this week?

6) Andreas is training for a swimming competition. (3 points)
The table shows the number of lengths of the swimming pool that he swims during one week.
The swimming pool has a length of 25 m.
How far does Andreas swim this week?

	Monday	Wednesday	Friday
No. of lengths	62	78	56

7) Convert these lengths into the units shown. (3 points, 1 each)

a 75 mm = □ cm **b** 1.2 km = □ m **c** 120 cm = □ m

8) Convert these masses into the units shown. (3 points, 1 each)

a 2000 kg = □ t **b** 3.2 kg = □ g **c** 0.25 t = □ kg

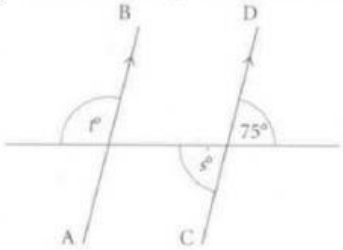
9) Convert these capacities into the units shown. (3 points, 1 each)

a 8000 ml = □ l **b** 4.2 l = □ ml **c** 650 ml = □ l

10) Can a quadrilateral have: (4 points, 1 each)

a four acute angles **b** three obtuse angles **c** one reflex angle **d** two reflex angles?

11) AB and CD are parallel. Calculate the values of *s* and *t*. (2 points)



s =
t =

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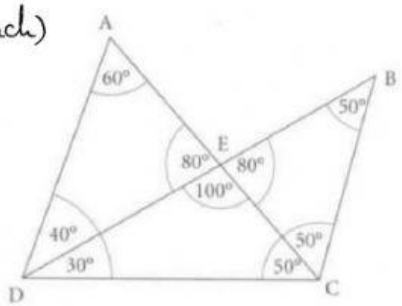
12) Write down the size of each of these angles. (4 points, 1 each)

a angle ADC **b** angle DBC

c reflex angle AEB **d** BCD



13) **a** Two angles of a triangle are given. Calculate the third angle in each case. (5 points, 4 a - one each - and 1 b)

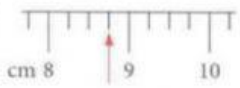
i 45° and 75° **ii** 8° and 11°

iii 54° and 54° **iv** 138° and 21°

b Which of the triangles have two sides the same length?

14) Write down the value shown on each of these scales. Don't forget units. (3 points, 1 each)

a



b

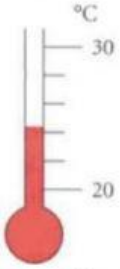
c

15) Estimate the readings on each of these scales. Don't forget units. (3 points, 1 each)

a

b

c



16) Some people were asked to choose their favourite drink out of tea (T), coffee (C), fruit juice (F) and water (W). The results are below. (1 point)

T W F C T W T F C C W W T F C W T W

What is the most popular drink?

17) Mr Stephens gave his class a mental maths test. On the right are the students' scores, out of 15. (2 points, 1 each)

Score	Tally	Frequency
1–5		
6–10		
11–15		
	Total:	

12	9	7	8	5	12
5	11	13	11	14	9
3	8	5	12	9	8
15	6	4	15	3	10
9	8	14	10	6	13

How many students are there in Mr Stephen's class?

Can you tell from the frequency table how many students got more than half of the questions correct? Explain your answer.

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