MATH QUIZ 2

SEA PRACTICE MATH QUIZ 1

- This test has THREE sections with a total of 45 items.

- SECTION I has 20 items (Nos. 1-19). Each item carries 1 mark.
- SECTION II has 20 items (Nos. 20-25). Each item in this section may carry 2 or 3 marks.
- SECTION III has 5 items (Nos. 26-30). Each item in this section may carry 4 or 7 marks.
- You have 75 minutes for this test and three retries ONLY. Answer ALL questions. Read each question carefully before answering it. Work carefully but do NOT spend too much time on any one question.

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1. **1. QUESTION**

At a musical concert, there were seats for 400 persons. 80% of the seats were occupied. The guests were seated around tables which accommodated either 4 or 6 persons. Three-quarter of the guest present were seated around tables which can accommodate 6 persons and the rest were seated around tables which can accommodated 4 persons. What is the total number of tables used by the guests?

Answer= _____

2. **2. QUESTION**

Observe the angles in the diagram below.

Number of angles less than a right angle.	Number of angles greater than a right angle	Number of angles equal to a right angle	Two angles equal to a half turn.
☐	☐	☐	☐

3. QUESTION

A pet shop owner has 36 dogs, 48 cats, 11 snakes and 24 turtles. Which pet must the owner order the most next month and why?

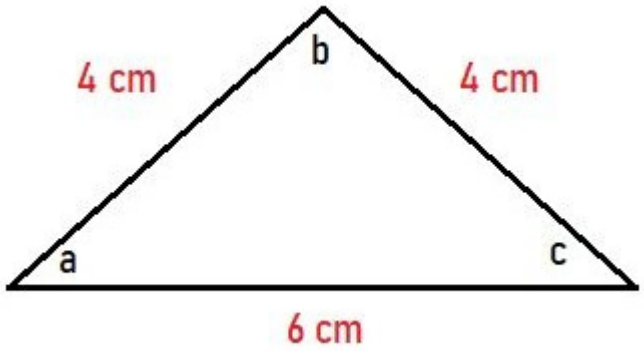
_____

_____

_____

4. QUESTION

Observe the triangle below.



Which two angles in the isosceles triangle below are equal?

Answers = _____

5. QUESTION

A large bag of rice weighing 8.75 kg, was repackaged and resold into smaller bags. For how much were all the small bags sold?

s.p $6.50

Answer=_____

6. QUESTION

The mean of four numbers is 27. A fifth number, 34 is added to the total. What is the new mean?

Answer=_____-

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7. QUESTION

Observe the compass below. How many right angles does someone need to turn in a clockwise direction to face West if the person is first facing North?

Answer = _____

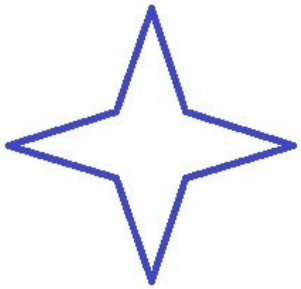
8. QUESTION

With the money Harry got from his father, he spent $^{2}/_{5}$ on a shirt, ¼ of the remainder on socks and remained with $90. How much money did he get from his father?

Answer=_____

9. QUESTION

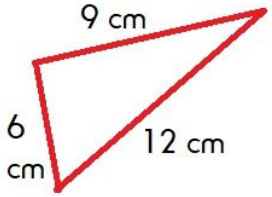
How many lines of symmetry do the shape below has?



Answer=_____

10. QUESTION

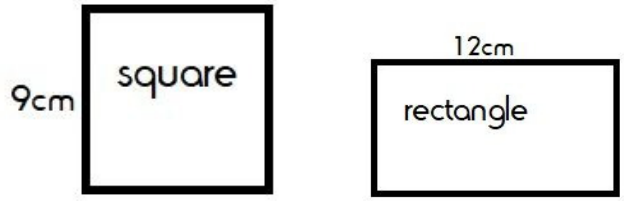
Name the triangle below.



Answer = _____

11. QUESTION

The two shapes below have the same perimeter. What is the width of the rectangle?



Answer= _____

12. QUESTION

The beads below form a band 15 cm long. How many beads will she need to make a band of length 0.75m?

Answer= _____

13. QUESTION

Sheila has two cakes which she cut into eights. She shared 12 slices. Select the amount she shared as a mixed number.

Answer = _____

14. QUESTION

How many glasses of water can fill this 2 ½ litres jar? A glass can hold 250 ml.

Answer= _____

15. QUESTION

A piece of cloth measures 4.5 m in length. How much cm is its length?

Answer= _____

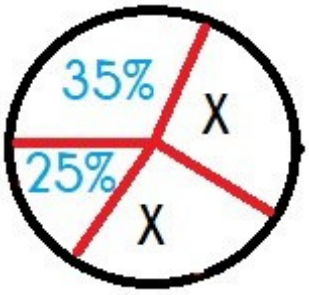
16. QUESTION

Observe the time on the clock below. It is 35 minutes faster than the correct time. What is the actual time?

Answer = _____

3. **17. QUESTION**

A circle is divided as shown below. What number does "X" represent? Type your answer in the space provided.



Answer=_____

18. QUESTION

There are 80 twenty-five cent coins on the table. How much is this in dollars?

Answer = _____

19. QUESTION

Order the following fractions in ascending order.

one-third one-eighth one-sixth one-half

Answer = _____

20. QUESTION

A carpenter has to make 27 tables for a big restaurant. Each table will have 6 legs. How many legs in total should he cut out?

Answer=_____

If the square table tops of a table is 625 cm^2. What is the length of one side?

Answer= _____

21. QUESTION

Observe the tally/frequency table below.

The table show the sports liked by a group of children.

Sports	Tally	Frequency
Cricket	𝍸 𝍸 𝍸 I	16
Netball	𝍸 II	7
Tennis	𝍸 𝍸 IIII	
Football	𝍸 𝍸 𝍸	15

a. How many children liked tennis?

Answer = _____

b. Which sport represents the mode for this group of children?

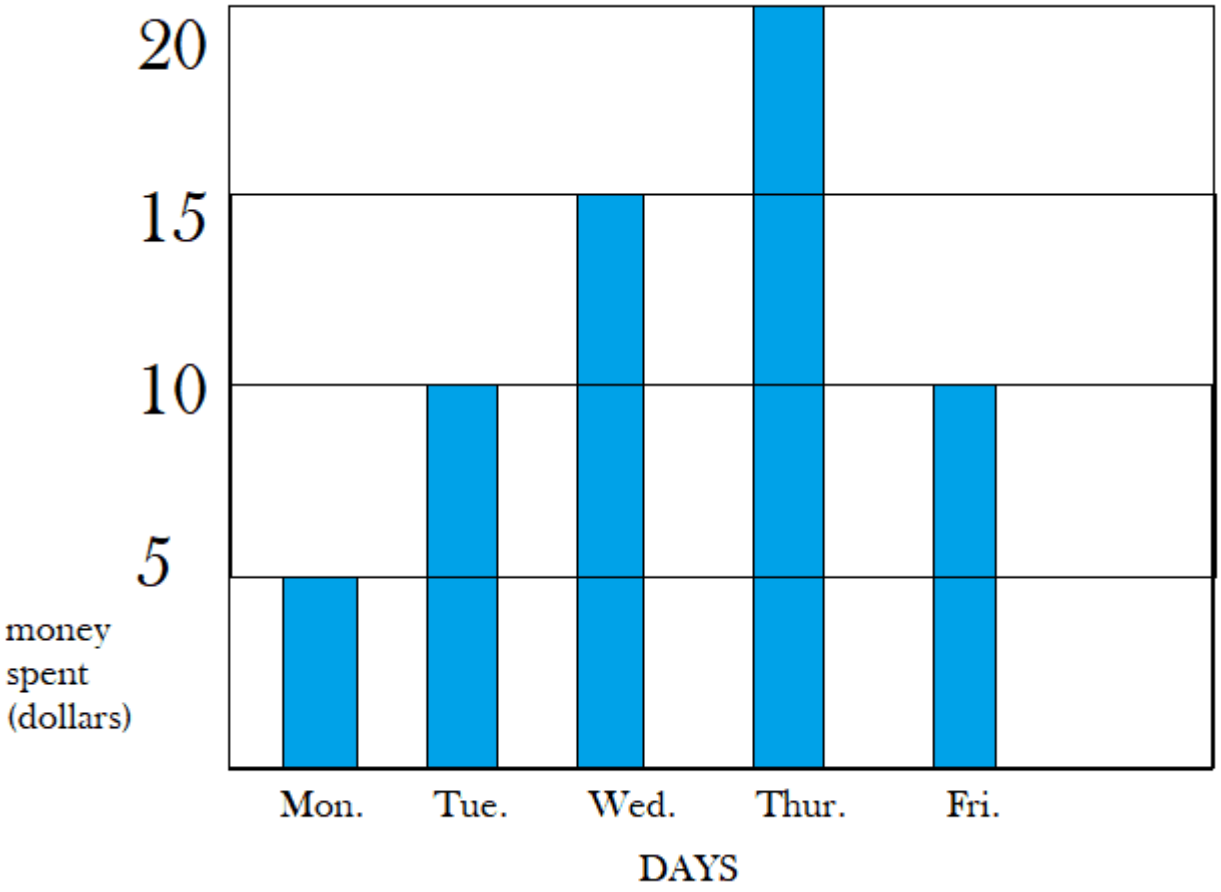
Answer = _____

c. What percentage of children liked both tennis and netball?

Answer = _____

22. QUESTION

The graph shows the number of money Eric spent from Monday to Friday.



a. How many more was spent on Thursday than on Monday?

Answer = _____

b. Eric has a daily allowance of $25. If he saved the same amount of money each week, how much money did he save after 4 weeks?

Answer =_____

23. QUESTION

Martin has 350 marbles. He entered a marble competition and lost 0.5 of his marbles.

a. **How much marble does Martin now has?**

Answer = _____

b. At another game, he lost 12% of the remainder. **How much is left?**

Answer= _____

c. Trying to regain his lost marbles, Martin was successful at regaining 75% if his lost marbles in the first two games. **How many marbles does Martin leave with?**

Answer =_____

24. QUESTION

a. Calculate:

1626 – 352 =

Answer _____

b. Write in words:

463.080

Answer=_____

c. Round **726.64** to the nearest tenth.

Answer= _____

25. QUESTION

a. Calculate the following.

$$4\frac{1}{5} \div \frac{7}{10}$$

Answer = _____

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b. The number below form a pattern for the fifth, sixth and twelfth number.

1, 4, 9, 16, ☐, ☐,……. ☐

Answer = _____

26. QUESTION

Beverly got the following grades on her end of term exam. Complete the table and answer the questions.

Subjects	Marks out of 100
Mathematics	73
Grammar	92
Spelling	☐
Social Studies	75
General Science	66
Total	☐

a. If her mean mark was 79, complete the table for spelling and the total.

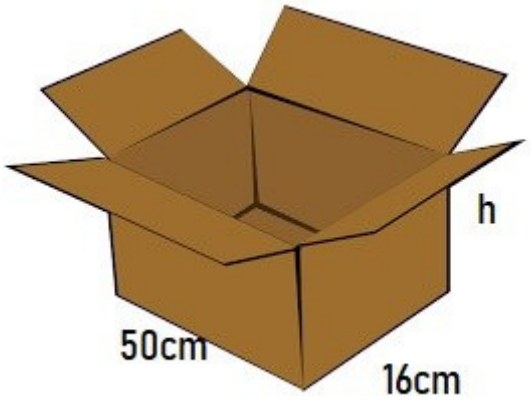
b. How many more marks did Beverly need to score 85%?

Answer=_____

27. QUESTION

Calculate:

The box below has volume of 80,000 cm³. Calculate the height of the box below.



Answer= _____

How many smaller boxes with the length 10cm, width 5cm, and height 20cm fit in the larger box?

Answer=_____

28. QUESTION

Ben is buying a radio for $320 exclusive of VAT. If VAT is charged at 12½%.

a. How much is the VAT on the radio?

Answer= _____

a. What is the radio cost?

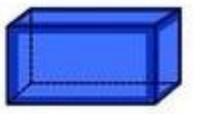
Answer= _____

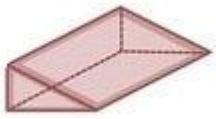
3. Mark offers to buy the radio for $325. If Ben agrees to sell it at that price, does he make a loss or a profit on the radio? How much was the loss or the profit?

Answers: _____

29. QUESTION

a. Name the solids below.





b. Which of the solids is perfect as a roof for a house? _____

c. Explain:

_____

_____

_____