

SEA PRACTICE MATH QUIZ 3

- You are NOT allowed to use calculators. Have a pencil and paper besides you to do some workings. This test has THREE sections with a total of 45 items.
- SECTION I has 20 items (Nos. 1-20). Each item carry 1 mark.
- SECTION II has 20 items (Nos. 21-40). Each item in this section may carry 2 or 3 marks.
- SECTION III has 5 items (Nos. 41-45). Each item in this section may carry 3 or 4 marks.

Work carefully but do NOT spend too much time on any one question.

SECTION ONE

1. Find the sum of 1308 and 6284. .

Answer = _____

2. Write in words: 705,056.

Answer= _____

3. Convert 2.36 kilometres to metres.

Answer = _____

4. Round 4.37 to the nearest tenth.

Answer = _____

5. Express $\frac{7}{20}$ as a decimal fraction.

Answer=_____

6. What number must go in the box to correctly complete the sentence?

$$\frac{1}{15} \times \boxed{} = 30$$

Answer = _____

7. Complete the number pattern below.

100 81 64 49

8. Write $\frac{17}{3}$ as a mixed number.

Answer - _____

9. Fallon has 480 bottles of pepper sauce. She sold $\frac{7}{8}$ of them. How many bottles of pepper sauce did she sell?

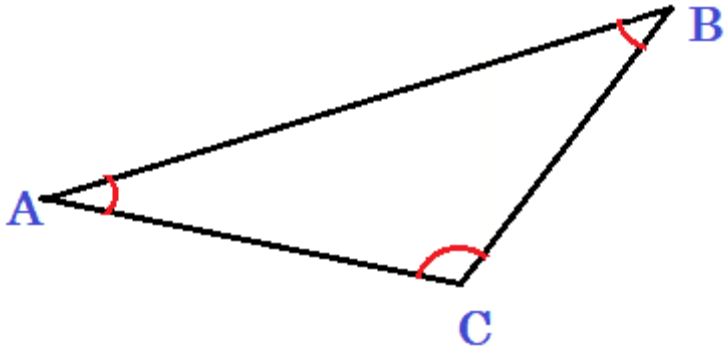
Answer=_____

10. A farm has 150 pepper trees. Each pepper tree yields on an average 12 peppers. How many peppers does the farm have to sell once harvested?

.

Answer=_____

11. Which letter represents the largest angle in the triangle below?



Answer = _____

12. Marlon buys a hat for \$53.75. How much change should he get if he pays with three twenty-dollar bills?

.

Answer _____

13. What is 20% of 280?

Answer=_____

14. Find and type your answer in the space provided.

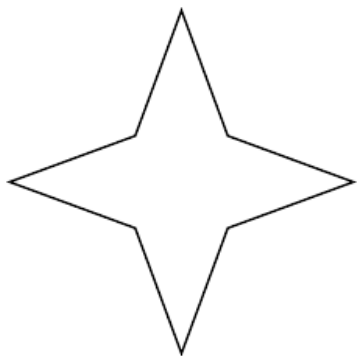
$$7^2 - \sqrt{36} = \boxed{}$$

Answer = _____

15. The area of a square is 144 cm^2 . What is the length of one side?

Answer= _____

16. How many lines of symmetry are there in the shape below?



Answer = _____

17. Select the heavier object below.



☐ 1.73 kg



☐ 1475 g

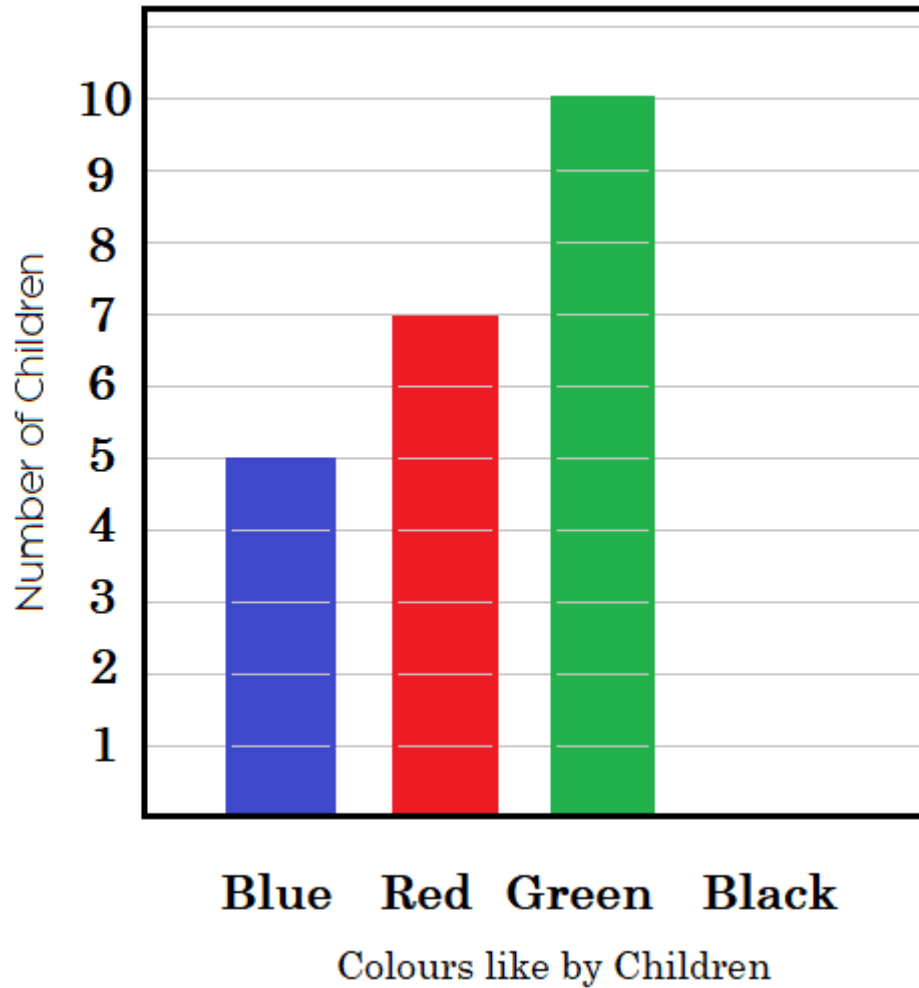
18. Write the time shown on the clock above on the digital clock below.



Answer = _____

19. The bar graph below shows the colours liked by 30 children.

COLOURS LIKED BY 30 CHILDREN

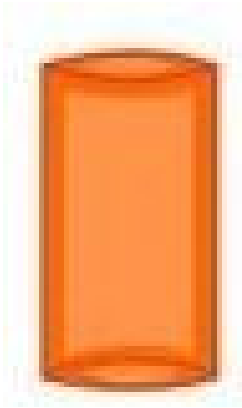


How many children like black?

Answer= _____

SECTION TWO

20. Name the solid below.



Answer=_____

21. $\frac{2}{5}$ of a number is 80. What is $\frac{3}{4}$ of the same number?

Answer=_____

22. What is the missing value in the statement below?

$$\boxed{} \times 3 + 15 = 51$$

Answer = _____

23. Which two fractions below are equivalent fractions?

☐ $\frac{4}{6}$

☐ $\frac{2}{4}$

☐ $\frac{9}{12}$

☐ $\frac{18}{24}$

Answer = _____

24. John shares 60 souvenir sport cards among Chris, Zane and Mae. Chris got 16 cards, and the rest was shared equally between Zane and Mae. How many more cards did Zane get than Chris?



Answer = _____

25. A vendor sold 240 bananas on Wednesday. On Thursday, the number of bananas sold increased by 25%. How many bananas were sold altogether on the two days?

Answer = _____

26. A cinema has 148 rows of chairs with 15 chairs in each row. How many persons can be seated in the cinema?

Answer=_____

27. Mary arrived at work at 9:15am. She left home at 7:45 am. Mary's work starts at 8:30am. What was the latest time she should have left home in order to arrive at work on time?

Answer=_____

28. Ronnie used $\frac{1}{4}$ of his money on snacks and $\frac{5}{12}$ on travel. Ronnie saved the rest. If he had \$600, how much money did he save?

Answer=_____

29. A dozen erasers cost \$15. What is the cost of 7 erasers?

Answer=_____

30. What is the price of the food processor after a discount of 25%?



Answer = _____

price \$340

31. Complete the chart below. Type your answer in the space provided.

Solid	Number of Faces	Number of Edges	Number of Vertices
Cube	6	12	
	5	9	6
Cylinder	3		0

32. Calculate the volume of a cube with side 9 cm.

Answer=_____

33. The score chart below shows how 33 snacks were eaten during a week by some children.
How many snacks did Roo eat?

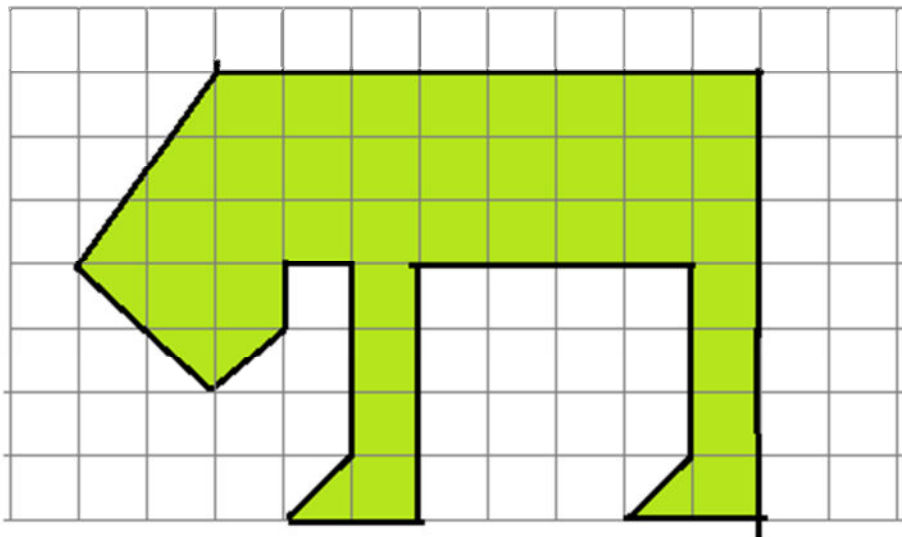
Children	Score
Olive	10
Roo	
Tristan	21

34. Calculate the mean age of students in Mrs. Peeble's Standard 5 class that is older than eleven years.

Age of Students	Amount of Students
10 years old	2
11 years old	6
12 years old	5
13 years old	2
14 years old	1

Answer =_____

35. How many right angles inside and outside of this shape below?



Answer=_____

36. There are 32 boxes. Each box can hold 16 bottles. Karen packed 352 bottles. How many boxes are empty if each box was completely packed before packing the next one?

Answer= _____

37. Find the total weight of the three items below.



55 grams



3.7 kilograms



650 grams

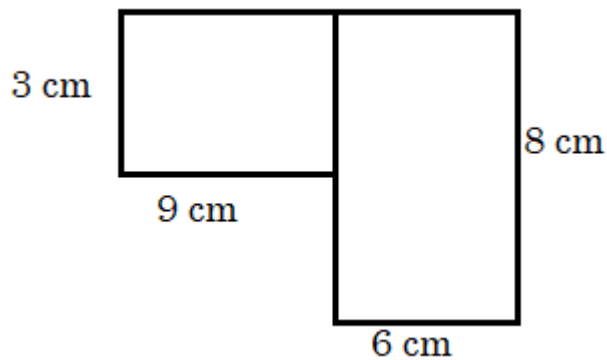
Answer=_____

38. Calculate

$$3\frac{1}{2} \div \frac{3}{6} = \boxed{}$$

Answer = _____

39. Calculate the perimeter of the compound shape below.



Answer=_____

40. Mr. Jones his wife and three children, ages 19, 11, and 5 stayed at a hotel for 2 nights in Barbados.

Chance Hotel rates:

Adults – \$250 per night

Children under 12 – $\frac{1}{2}$ price of adults.

How much did Mr. Jones pay the hotel?

Answer=_____

SECTION THREE

41. A bottle had one litre of medicine. A doctor poured $\frac{2}{5}$ of the medicine into a smaller bottle and gave it to a patient. The patient was told to drink 5 ml of the medicine four times a day until all the medicine was finished. How many days did the patient take the medicine if all the medicine was used as instructed?

Answer=_____

42. 60 toys were distributed among three classes. Complete the table and determine which class received the most toys?

CLASS	NUMBER OF TOYS
First year	
Second year	?????
Standard one	



Answer = _____

43. Todd is tiling a square floor of side 9 m with tiles measuring 30 cm by 15 cm. He pays \$12 for each tile and \$1250 for the labour to tile the floor.

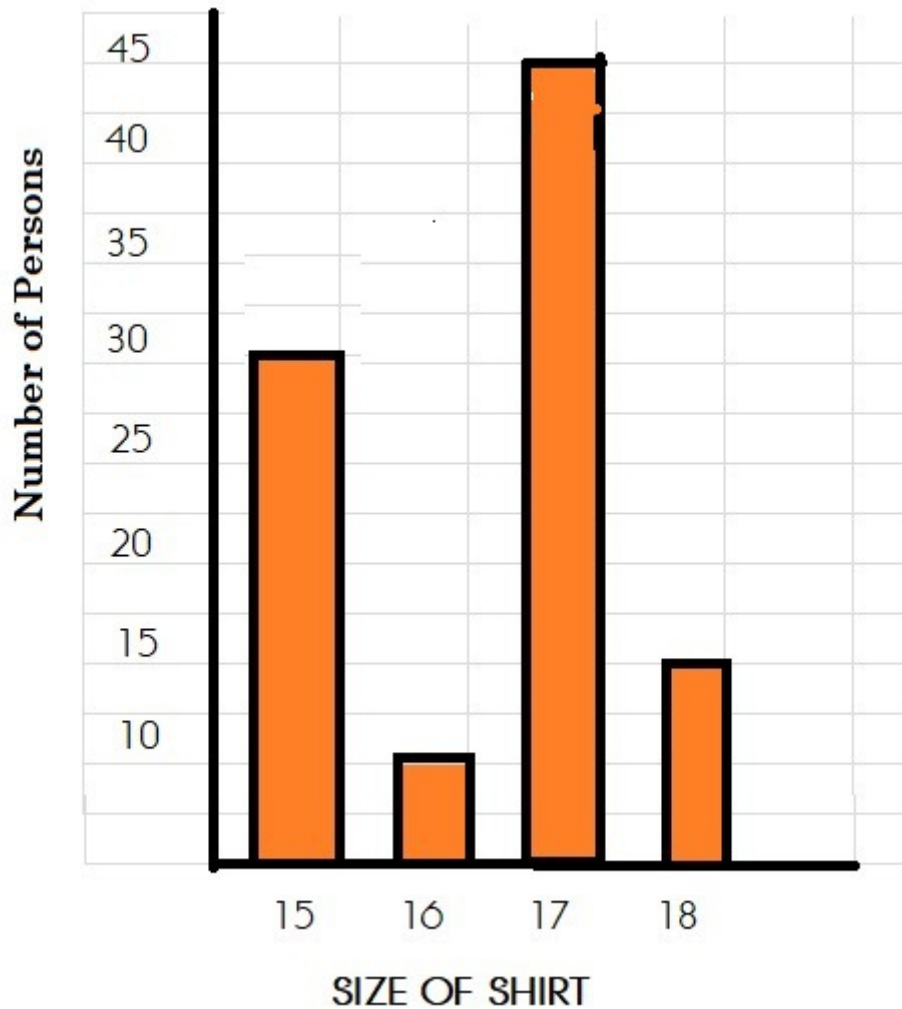
Answer= _____

44. Thirteen light posts were evenly spaced along a road. A total of 96 water pipes were placed in the ground between the 13 posts. Each pipe was 6 m long and was connected end-to-end. What is the total length of the pipes used between the first and the fifth post?

.
Answer= _____

45. The graph shows the different shirt sizes worn by persons in in a gym.

TITLE: SHIRT SIZES WORN



The gym is organizing to buy new shirts for its members to order.

(a) On which shirt size will the gym spend the most money?

Answer = _____

(b) Give a reason for your answer.
