

MATH QUIZ 2

This quiz has 52 questions. Read each question carefully before selecting the answer.

1. QUESTION

Express $\frac{4}{9}$ as a decimal fraction.

Answer = _____

2. QUESTION

Write the numeral that represents: $4^2 + 3^3$

Answer = _____

3. QUESTION

Evaluate the value of $(4 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

Answer = _____

4. QUESTION

Express 0.48 as a fraction in its lowest terms.

Answer = _____

5. QUESTION

What fraction of the pizza shown has been eaten?



Answer = _____

6. QUESTION

Approximate to the nearest hundred.

$$473 + 358$$

Answer = _____

7. QUESTION

Matthew weighs 73.01 kg and Jerry weighs 5.92 kg more than Matthew. How heavy is Jerry?

Answer = _____

8. QUESTION

If $x^3=64$ and $y^2= 36$, what is the value of $2x + y$?

Answer = _____

9. QUESTION

Write the next term in the sequence.

1, 4, 9, 16, __

10. QUESTION

Every 3 months Jesse gets \$1500. How much money will she have after 2 years?

Answer = _____

11. QUESTION

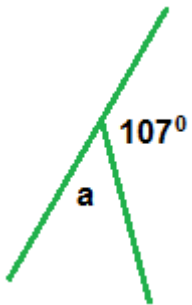
How much would the stove below marked at \$450 cost, if VAT of 15% is added?



Answer = _____

12. QUESTION

What is the size of the missing angle in the drawing below?



- ☐ 73 degrees
- ☐ 43 degrees
- ☐ 253 degrees
- ☐ 107 degrees

13. QUESTION

On the table below, which score represents the mode?

Score	Frequency
1	8
2	12
3	6
4	9

Answer = _____

14. QUESTION

Raoul eats $\frac{2}{5}$ of his snack and gives $\frac{1}{4}$ to his best friend Luis. What fraction of the snacks has been used?

Answer = _____

15. QUESTION

Twelve boxes of crayons each containing 12 is redistributed into 8 larger boxes. How many crayons are there in each larger box?

Answer = _____

16. QUESTION**1 point(s)**

Duke wrote in 20 pages of an exercise book which contains 85 pages. What fraction of the exercise book has been used?

Answer = _____

17. QUESTION

Write the number represented by:

$$(6 \times 1000) + (5 \times 10) + (2 \times 1) + (7 \times \frac{1}{10}) + (2 \times \frac{1}{1000})$$

Answer = _____

18. QUESTION

If 25% of money saved is \$55.00, how much is 50% of the money saved?

Answer = _____

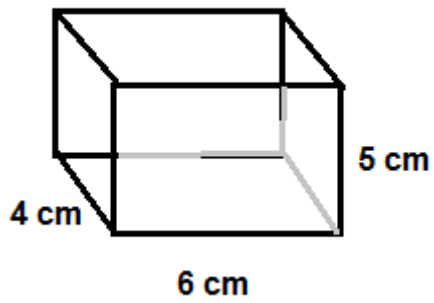
19. QUESTION

A school population is 450 after an increased by 34% in the year. What was the population before the increase?

Answer = _____

20. QUESTION

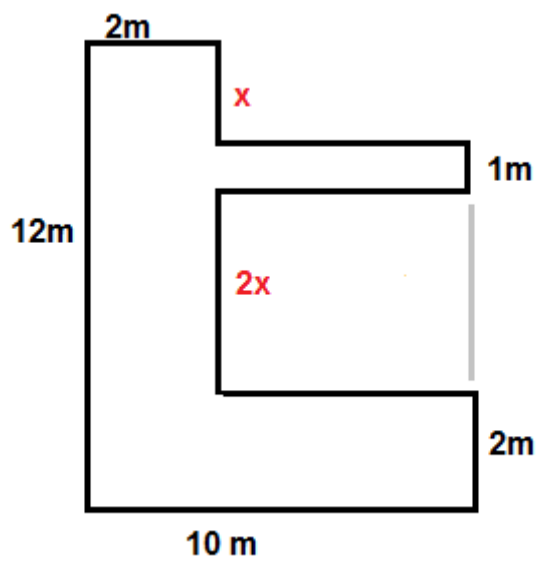
What is the volume of the rectangular cuboid shown?



Answer = _____

21. QUESTION

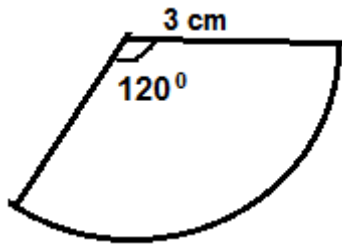
Calculate the perimeter of the shape shown below.



Answer = _____

22. QUESTION

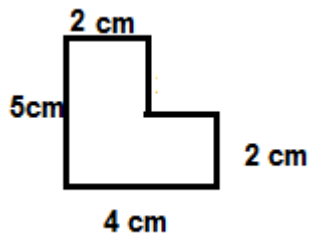
What is the distance around this 3 sided figure?



Answer = _____

23. QUESTION

Calculate the area of the plane shape below.



Answer = _____

24. QUESTION

Ria deposited \$2300 in the bank. It earned an interest of 4% per annum. What is the amount he gets after the 30 months?

Answer = _____

25. QUESTION

Mark order 1 water, 3 sodas, and 4 burgers. How much does Mark pay for his order?

Price List:

Water \$5

Soda \$6.5

Burger \$25

Answer= _____

26. QUESTION

What two plane shapes can be used to produce the shape below?



Answer = _____

27. QUESTION

How many line of symmetry does this shape has?



Answer = _____

28. QUESTION

No. of Goals	Tally	Frequency
0		2
1		3
2		6
3		2
4		3
5		5
6		2
7		1

How many is less than 3 goals scored?

29. QUESTION

A homeowner uses $\frac{1}{3}$ of her water tank to wash down the yard after a flood. Also $\frac{1}{5}$ is used to wash clothes. How much water is left in the water tank?

Answer = _____

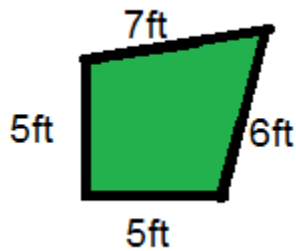
30. QUESTION

How many faces does a prism have?

Answer = _____

31. QUESTION

How many quarter turns are there in the shape below?



Answer = _____

32. QUESTION

The mean of three numbers is 65. If two of the numbers are 45 and 74, what is the third number?

Answer = _____

33. QUESTION

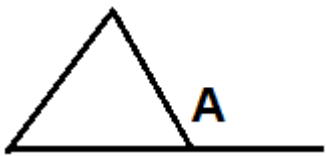
Multiple:

$$4\frac{1}{2} \text{ and } 3\frac{2}{5}$$

Answer = _____

34. QUESTION

Angle A below is ____.



Answer = _____

35. QUESTION

Use the digit below to form the largest 4-digit number.

5, 6 , 2, 9

Answer = _____

36. QUESTION

A container holds 250 marbles, $\frac{2}{5}$ of the marbles in the container are blue. The remaining marbles are green and yellow. For every green marble there is a yellow. How many marbles are yellow?

Answer = _____

37. QUESTION

Lisa is paid \$350 for the first 40 hours of work per week. For any hour worked over the 40 hours (overtime) she is given \$19 per hour. How much did Lisa earn after 45 hours of work for the week?

Answer = _____

38. QUESTION

Janice sold 42 oranges for \$2.00 each. She bought the oranges for \$1.25 . What was Janice's profit for the oranges?

Answer = _____

39. QUESTION

A coach wants a field which is 36 yards long divided into 3 equal sections. How long will each section be?

Answer = _____

40. QUESTION

Calculate

$$2\frac{1}{2} \div \frac{1}{2}$$

Answer = _____

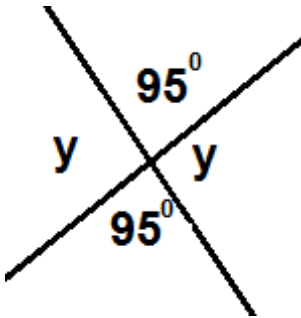
41. QUESTION

Macy and Lace are investing in a business together. They will share their profit in the ratio 2:3 which was according to their investment. Calculate Macy's share when the profit is \$15630.00.

Answer = _____

42. QUESTION

Calculate the size of y .



Answer = _____

43. QUESTION

The room of a flour measures 20 m by 18 m. The tiles have sides of 20 cm. How many tiles are required to tile the floor?

Answer = _____

44. QUESTION

A contractor hired 3 men to tile the floor of a building. They took 10 days to complete the job. How long would it have taken 5 men if they worked at the same rate?

Answer = _____

45. QUESTION

How many dozens are there in 4632?

Answer = _____

46. QUESTION

$$62 + 18 + 43 = 43 + 62 + r$$

What does **r** stand for?

Answer = _____

47. QUESTION

Sam bought 8 eggs for \$34. The eggs were sold at \$3.34 each. What was the profit or loss?

Answer = _____

48. QUESTION

Multiply 4.05 and 62

Answer = _____

49. QUESTION

What is the place value of the **8** in the numeral **548,215.24**

Answer = _____

50. QUESTION

Calculate

$$(\sqrt{81}) \times 6^2 =$$

Answer =

51. QUESTION

Look at the value of each. Then order from least to greatest values in the boxes below.

There are 453 books in a library.

There are 324 people in this village.

There are 345 children in a primary school.

The store sold 465 nails today.

The garden is 398 square feet large.

This book has 426 pages.

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52. QUESTION

My sister is 85 pounds but my brother weigh 35 pounds more than my sister. How much does my brother weigh?

Which statement can help you solve this question?

- ☐ Add 85 and 35 ☐ Compare 85 and 35 ☐ Subtract 35 from 85

Answer = _____