

# 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**

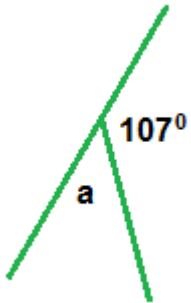
How much would the stove below marked at \$450 cost, if VAT of 15% is added?



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 = \_\_\_\_\_

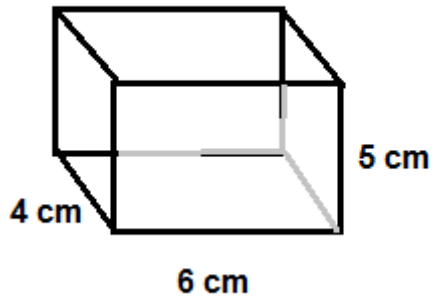
**19. QUESTION**

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

Answer = \_\_\_\_\_

20. QUESTION

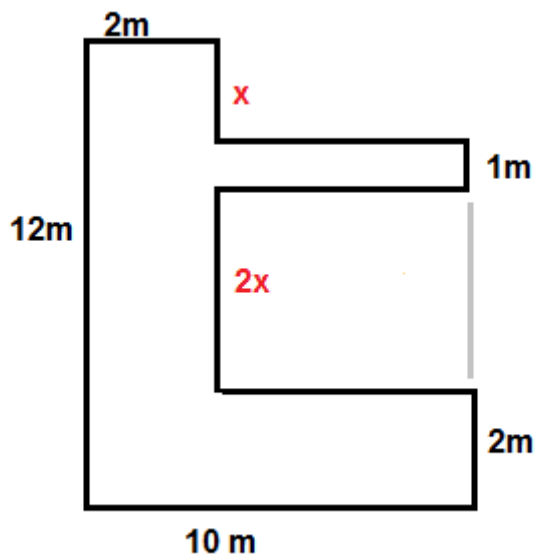
What is the volume of the rectangular cuboid shown?



Answer = \_\_\_\_\_

21. QUESTION

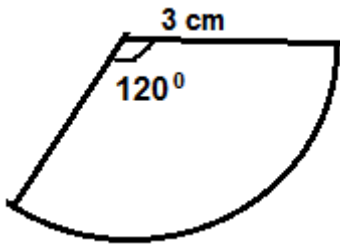
Calculate the perimeter of the shape shown below.



Answer = \_\_\_\_\_

**22. QUESTION**

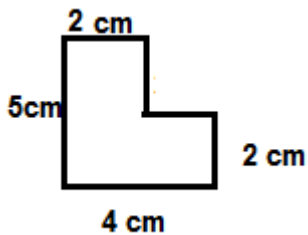
What is the distance around this 3 sided figure?



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 = \_\_\_\_\_

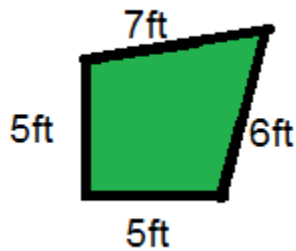
**30. QUESTION**

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**

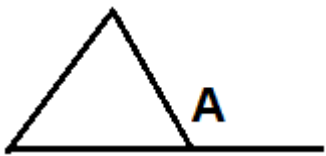
Multiple:

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

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 = \_\_\_\_\_

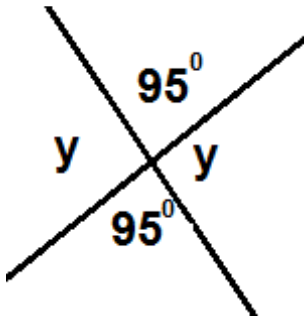
**41. QUESTION**

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 floor 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 = \_\_\_\_\_