

**Math**

**Solve the below:**

$155.50 \div 10 =$

$144.64 \div 8 =$

$0.3 \times 10000 =$

$78.123 \times 100 =$

$0.009 \times 10 =$

$4.12 \times 1000 =$

$88.0 \times 100 =$

$418.05 \times 10000 =$

$626.01 \times 1000 =$

$0.0007 \times 1000 =$

**Change the below improper fractions to mixed numbers.**

$215/12 =$

$409/4 =$

$389/13 =$

**Circle the fractions that are same:**

1)

$4/14$

$2/7$

$12/24$

2)

$11/23$

$8/64$

$9/72$

$10/90$

$$3 \frac{1}{4} - 7 \frac{2}{4} + 6 \frac{1}{4} =$$

$$-\frac{3}{8} + \frac{5}{8} - \frac{6}{8} =$$

$$8 \frac{1}{9} + 9 \frac{2}{9} + 5 \frac{6}{9} =$$

$$11 \frac{2}{10} - 9 \frac{7}{10} - 3 \frac{9}{10} =$$

**Circle the greater fraction**

$$\frac{3}{9} \quad \frac{4}{11}$$

$$\frac{8}{13} \quad \frac{9}{15}$$

**Circle the smaller fraction**

$$\frac{1}{21} \quad \frac{4}{18} \quad \frac{7}{50}$$

$$\frac{3}{18} \quad \frac{6}{24} \quad \frac{1}{2}$$

Write down factors from 2 till 12 for the below numbers:

10003:

2136:

If cost of 3 books is \$156.30, what is the cost of 11 books?

A large bottle has 0.8l more water than a mini bottle. A dispenser bottle has 4 times as much water as the large bottle. If the total water in all three bottles equals 4.6l, how much water is in each bottle?



Subtract 13 from the number, write it down and then add 15 to it. Keep on doing the same.

50									

**Solve the below:**

$0.07 \times 0.5 =$

$1.45 \times 0.001 =$

$0.06 \times 100 =$

$43.89 \div 100 =$

$98.98 \div 7 =$

$320.09 \div 8 =$

What is the sum of one fourth of 36 and one fifth of 250?

What is the difference between 8 times 102 and 4 times 400?

How much is each ball when cost of 12 balls cost Ben all his pocket money of \$108.45?

Tom has covered  $\frac{7}{9}$  of a road. Alex has covered  $\frac{3}{9}$  of the road. How much more distance will Alex have to cover to reach Tom's current point?

Ali spent  $3\frac{1}{4}$  hours on his homework. He then spent another  $1\frac{2}{3}$  hours on a project. How much did he study?

How much more time he spent on the homework as compared to project?

Belinda completes  $\frac{1}{4}$  of an assignment. Tina completes  $\frac{3}{5}$  of the same assignment and Paula completes  $\frac{7}{9}$  of the same assignment. How much work have the girls finished?

What is the sum of  $\frac{5}{8}$  and  $\frac{3}{6}$  subtracted by  $\frac{2}{4}$ ?

Rehana has  $\frac{3}{5}$  more books on a subject than Alayna. What fraction of books does Rehana have more if Alayna has  $\frac{1}{8}$  books on the same subject?

Mr. John used  $\frac{3}{7}$  of the sugar he had to make a cake. He then used  $\frac{1}{12}$  of the remaining to make custard. If he used 360g of sugar for the custard, how much sugar did he have and how much did he use for the cake?

At a shop, pizza is sold at \$5 per pizza while pasta is sold at \$3 per kg. Peter bought 2 pizzas which had a total of 24 slices. He also got 4kg of pasta. He then gave  $\frac{2}{3}$  of the pizza to his friends. How much did he keep to himself?

How much money did he spend?



A rectangular box measures  $\frac{1}{2}$  cm by  $\frac{4}{16}$  cm. What is the area of the box?

Length of a side of a square is  $\frac{3}{6}$  cm, what is its area?

$\frac{6}{14}$  students in a class are boys.  $\frac{2}{6}$  of the students are cheer leaders out of which there is no boy who is a cheer leader. What fraction of the students are cheer leaders?

What fraction of girls from the total number of girls are cheer leaders?

What fraction of girls from the total number of girls are not cheer leaders?

Ben bought 8 packets of chocolates, each packet having 20 chocolates. He gave  $\frac{4}{5}$  of them to his friends. How many are left with him?

Tim has \$4000 per month as his wage. He spends  $\frac{1}{4}$  of it on rent,  $\frac{1}{8}$  of it on groceries and  $\frac{1}{12}$  of it on bills. How much is left with him?

$\frac{7}{10}$  are chocolate cakes and the rest are mango cakes. If there are 50 more chocolate cakes than mango cakes, how many cakes are there in total?

In a shop,  $\frac{1}{4}$  of the dresses are pink in color,  $\frac{2}{7}$  are red and the rest are white. If there are 30 more white dresses than pink dresses, how many dresses are in the shop?

Of the 2000 people who attended the concert,  $\frac{1}{5}$  are men. Of the remaining, there are three times as many children as ladies. How many children, ladies and men are in the concert?

There are 135 more men than women. After half of the men and  $\frac{1}{5}$  of the women leave, the number of men and women are equal. How many people were there at first?

**Solve the below in your mind:**

$$-200 + 40 - 500 + 10 =$$

$$1000 + 3000 - 2000 + 800 =$$

$$-1200 + 1800 - 200 - 500 + 2000 =$$

$$9 \times 3 \div 10 =$$

Find out the common factors and the highest common factor of the below:

90 and 115:

210 and 60:

40, 100 and 28:



**Arrange the below in ascending order:**

$\frac{1}{7}$        $\frac{2}{3}$        $\frac{4}{11}$        $\frac{8}{14}$

$\frac{8}{12}$        $\frac{1}{2}$        $\frac{3}{4}$        $\frac{12}{18}$

**Arrange the below in descending order:**

$\frac{9}{36}$        $\frac{1}{14}$        $\frac{2}{12}$        $\frac{3}{5}$

$\frac{9}{27}$        $\frac{4}{26}$        $\frac{13}{52}$        $\frac{16}{20}$

Sam has 5 less than 4 times as many sweets as Peter. How many are with Sam?

Ben is  $z$  years older than his brother. How old is his brother?

Paul got 20 lesser marks than Beth. How many marks did Paul get?

There are  $10z$  bananas in a bag, how many bananas are there in 5 bags?

There are 100 eggs in  $z$  baskets. How many eggs are in 1 basket?

There are  $r$  chocolates. There are 3 friends. How much chocolate does each friend get?

Ben is 11 years older than his brother. If his brother is  $z$  years old, how old is Ben?

Fill in the missing blanks with sign +, -, ÷ or × along with the correct number

$$19 \text{ ----- } 24 \text{ ----- } 16 \text{ ----- } 10$$

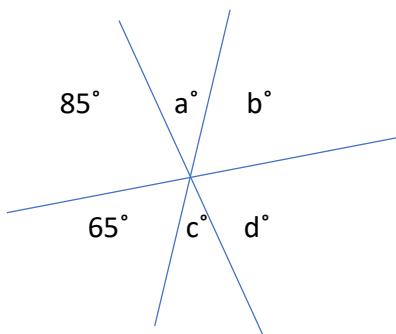
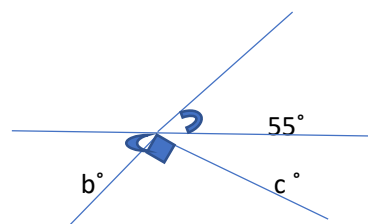
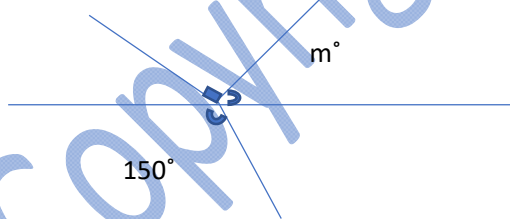
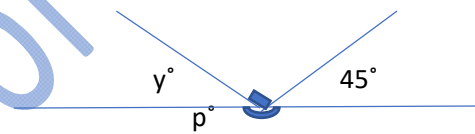
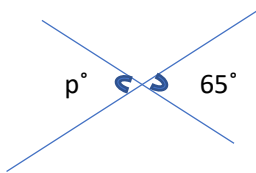
$$35 \text{ ----- } 5 \text{ ----- } 0 \text{ ----- } 10 \text{ ----- } -9$$

Fill in the blanks with the correct sign +, -, × or ÷

$$6 \text{ ----- } 6 \text{ ----- } 4 \text{ ----- } 2 = -24$$

$$18 \text{ ----- } 3 \text{ ----- } 4 \text{ ----- } 5 = 60$$

Find the missing angles:



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