

WEDNESDAY, 2020

Math : Grade 5 : Exercise 2D

1 Solve using addition, subtraction, multiplication or division

a. The Sunshine club newspaper printed 33,530 copies in a year. Of these 28,395 copies were distributed. How many were not distributed?

Given,

Total copies printed in a year = 33,530

Number of copies distributed = 28,395

We have to find the number of copies which are not distributed

That is,

Number of copies not distributed = Total copies - Number of copies distributed

$$= 33,530 - 28,395$$

$$= 5,135$$

Hence 5,135 copies weren't distributed.

b. The odometer on a van showed 53,811 km in the beginning of October. After being used for three months it showed 84,209 km in December. If it had traveled 21,614 km in October and November, how much distance did it cover in the month of December?

Given,

In the beginning of October the odometer showed = 53,811 km

In December it showed = 84,209 km

Therefore,

$$\begin{aligned}\text{Distance traveled from October to December} &= 84,209 - 53,811 \\ &= 30,398\text{km}\end{aligned}$$

Also given,

$$\text{Distance traveled in October and November} = 21,614\text{km}$$

We have to find

The distance it cover in the month = total distance from October to December - distance covered in October and November

$$\begin{aligned}&= 30,398 - 21,614 \\ &= 8,784 \text{ km}\end{aligned}$$

c. Sushil's car traveled 25,384 km in one year and suraj's car traveled 30,001 km in the same year. How many kilometer less did Sushil's car run?

Given,

$$\text{Distance traveled by Sushil's car} = 25,384 \text{ km}$$

$$\text{Distance traveled by Suraj's car} = 30,001 \text{ km}$$

We have to find,

Number of Kilometer less did Sushil's car run = Distance traveled by Suraj's car - Distance traveled by Sushil's car

$$\begin{aligned}&= 30,001 - 25,384 \\ &= 4,617 \text{ km}\end{aligned}$$

d. Mr Shenoy had Rs3,25,765. He borrowed Rs1,12,700 to buy a new car. How much did the car cost?

Given,

Amount Mr Shenoy had to buy a new car = Rs 3,25,765

Amount he borrowed to buy a new car = Rs 1,12,700

Total amount of the car cost = 3,25,765 + 1,12,700

= Rs 4,38,465

e. Sriram won 75 tournaments. The prize money totals up to Rs 2,25,000. If he received the same amount for every tournament, how much had he earned per tournament?

Given,

Total number of tournaments = 75

Total Prize money = Rs 2,25,000

Amount he earned per tournament = total prize money / total number of tournaments

= 2,25,000 / 75

= Rs 3,000

f. A school needs 24,510 pencils a year. How many boxes of 25 must the school buy?

Total pencils school needs a year = 24,510

A box contains 25 pencils each

Hence total number of boxes school needs = 24,510 / 25

= 980.4

Boxes should not be in decimal.

Hence 981 boxes so that no more pencils remains.

g. The toy store had 20 boxes of dolls and 25 boxes of teddy bears. Each box holds 24 of each. How many dolls and teddy bears did the toy store have in all?

Given,

Number of boxes of dolls = 20

Number of boxes of teddy = 25

Each box contains 24 of respective toys.

Total number of dolls = number of boxes of dolls \* number of dolls per box

$$= 20 * 24$$

$$= 480 \text{ dolls}$$

Total number of teddy = number of boxes of teddy \* number of teddy per box

$$= 25 * 24$$

$$= 600 \text{ teddy bears}$$

Hence total number of toys = 480 dolls + 600 teddy bears

$$= 1080 \text{ toys}$$

ezhil K at 20:50

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