mathskills4kids

Name: ..... Class: .....

Multiply three or more numbers: word problems.

a. It is tracy's friend's Birthday party. To support her, Tracy's Mum has prepared **6 big trays of sandwich.** In each tray, there are **17 rows of sandwich.** If each row has **29 sandwiches**, how many sandwiches has Tracy's mother prepared ?

b. An office building has **17 floors.** Each floor has **16 rooms** and in each room there are **2 doors.** How many doors are there in **10** of such office buildings ?

c. Everyday, a Chef has to prepare **10 dishes** for **50 guests** lodging in a five star Hotel. He has to prepare **10 dishes** for breakfast, lunch and dinner. Each dish costs **$ 500**. Provided all the guests eats all the **10 dishes 3 times** per day, how much money is the Hotel going to earn in **20 days** ?

Solution

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Name: ..... Class: .....

Multiply three or more numbers: word problems.

a. It is tracy's friend's Birthday party. To support her, Tracy's Mum has prepared **6 big trays of sandwich.** In each tray, there are **17 rows of sandwich.** If each row has **29 sandwiches**, how many sandwiches has Tracy's mother prepared ?

- Number of trays: 6
- Number of rows in each tray: 17
- Number of sandwiches in each row: 29

Tracy's Mum prepared 2,958 sandwiches.

Multiplication

A
```
  17
x  6
 102
```

B
```
  102
x  29
  918
+2040
 2958
```

b. An office building has **17 floors.** Each floor has **16 rooms** and in each room there are **2 doors.** How many doors are there in **10** of such office buildings ?

- Number of buidings: 10
- Floors in each buiding: 17
- Rooms in each building: 16
- Doors in each room: 2

Multiplication

A
```
  10
x 17
 170
```

B
```
  170
x  16
1020
+1700
2720
```

C
```
  2720
x    2
5440
```

There are 5,440 doors in 10 of such office buildings.

c. Everyday, a Chef has to prepare **10 dishes** for **50 guests** lodging in a five star Hotel. He has to prepare **10 dishes** for breakfast, lunch and dinner. Each dish costs **$ 500**. Provided all the guests eats all the **10 dishes 3 times** per day, how much money is the Hotel going to earn in **20 days** ?

- Cost of each dish: $ 500
- Dishes he has to prepare: 10
- Number of guests: 50
- Each guest has to eat: 3 times
- In 20 days, the Hotel will earn: ?

Multiplication

A
```
  500
x  10
5000
```

B
```
  5000
x   50
250000
```

C
```
  250000
x      3
750000
```

D
```
  750000
x     20
000000
+15000000
15000000
```

In 20 days, the Hotel will earn $ 15,000,000.