

Name: Class:

Multiply Numbers Ending in Zeros Word Problems

a.

An internet company offers internet services with a data package of 1000 GB for \$60 per month.

How much will be the cost of 1000 GB per month for a year data package?

b.

To afford a luxury ride, Kameron started saving 30 times as much as he used to save before per week.
If he used to save \$760 per week.

How much is he saving per week now?

c.

To prevent the demolition of an apartment building housing more than 60 less privilege people, 170 people marched to the street passing a petition to stop the building from being demolished.

If each person collected 2,030 signatures, what was the total number of signatures they collected?

d.

The Thomson's company constructs houses in Massachusetts. In the last two years, it constructed 660 flats to \$63,450 per flat.

How much money did it make?

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a. Cost of 1000 GB per month = \$60

Number of months in a year = 12

Therefore, cost of a year's GB =

number of months in a year \times cost of 1000 GB per month

$$60 \times 12 = ?$$

Let's multiply 60×12

How do you multiply numbers ending with zeroes?

First multiply numbers without zeroes:

Then, count numbers of 0 and add it to the result

$$60 \times 12 = 720$$

So, the cost of 1000 GB per month for a year data package is \$720.

b. He is saving \$22,800 per week now.

c. They collected a total of 345,100 signatures.

d. The Thomson's company made \$41,877,000 in Massachusetts in the last two years.