

Name: Class:

Multiplying Three Or More Numbers Word Problems

a.

Hadley walks 8 miles in a day.
If she kept on doing this consistently for 3 months, how many miles must she have walked?

b.

During the school games, Olivia bought 71 dozens disposable cups.
If she bought each disposable cup for \$4, how much money did she use to buy all the cups?

c.

A teacher bought 17 boxes of pencils.
If each box has 11 packets of pencils and 7 pencils per packet, how many pencils did the teacher buy in all?

d.

Erick has 544 stickers. His sister Emma has twice what he has but their friend, Oliver has 3 times what Emma has.

How many stickers does Oliver have?

e.

Kennedy walks 8 miles in a day.

If she kept on doing this consistently for 3 years, how many miles must she have walked in all?

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- a. Number of miles Hadley walks per day = 8.
 Number of months = 3.
 Number of days in a month = 30.
 Therefore, number of miles she must have walked in 3 months =
 number of miles Hadley walks per day × number of months × number of days in a month.

$8 \times 3 \times 30 = ?$

$8 \times 3 = ?$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$$

Let's multiply 24×30
 How do you multiply numbers ending with zeroes?
 First multiply numbers without zeroes:

$$\begin{array}{r} 24 \\ \times 3 \\ \hline 72 \end{array}$$

Then, count numbers of 0 and add it to the result
 $24 \times 30 = 720$

So, she must have walked 720 miles in 3 months.

- b. She used \$3,408 to buy all the cups.

- c. The teacher bought 1,309 pencils in all.

- d. Oliver has 3,264 stickers.

- e. She must have walked 8,760 miles in 3 years.