

Answer on Question #54401 – Math – Algebra

In one country during one year, 796613 women gave birth. Of these women, 3344 gave birth to identical twins. Use these data to estimate how many women, out of a group of 1000 pregnant women, you might expect to give birth to identical twins.

Choose the two correct options below.

Select one or more:

The calculation is (3344 multiply sign 1000 over 796613).

The expected number of women is 42.

The expected number of women is 4.

The calculation is (3344 multiply sign 1000 over 793269).

The expected number of women is 420.

Solution

The expected number of women is

$$3344 \cdot \frac{1000}{796613} \approx 4.$$

Answer:

The expected number of women is 4.

The calculation is (3344 multiply sign 1000 over 796613).