

Name: Class:

Multiplying by One-Digit Numbers Word Problems

a.

if the average weight of a male European panther is 191.80 pounds, find the weight of 3 male European panthers if they all have the same average weight.

b.

Every month, David serves up \$12,689.

How much money will David serves up in 5 months' time?

c.

There were 178 motorcycles during last week's race.

How many tires were there altogether if each motorcycle had 3 tires?

d.

If a plane travel 854 miles per hour,

How many miles can it travel in 8 hours?

e.

Find the number of days in 938 weeks

f.

Find the number of days in 6 years

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a. Average weight of a male European panther = 191.80 pounds or 191.8 pounds
Number of panthers = 3

Therefore, total weights of 3 panther =

$$\text{Average weight of a male European panther} \times \text{Number of panthers}$$
$$191.8 \times 3 = ?$$

Let's multiply 191.8×3

How do you multiply numbers with decimals?

First multiply numbers without decimals:

Then, count numbers of digits after the point and add it to the result

$$1918 \times 3 = 5754$$

So, the weight of 3 male European panther is 575.4 pounds.

b. David will serves up \$63,445 in 5 months .

c. There were 534 tires in all.

d. The plane can travel 6,832 miles in 8 hours.

e. There are 6,566 days in 938 weeks.

f. There are 2,190 days in 6 years.