

Wow! 😊

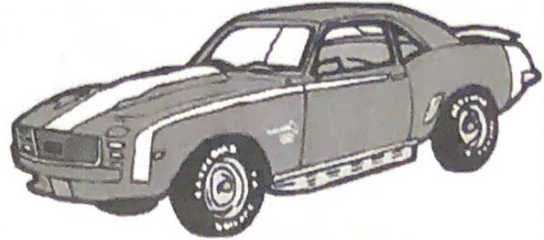
Thursday 3/11 Thursday
20/20

Name: L 6 2

Multiplying Decimals by Two-Digit Numbers

Multiplying Decimals

Find each product. Show your work.



a.
$$\begin{array}{r} 76.4 \\ \times 2.5 \\ \hline \end{array}$$

$$\begin{array}{r} 318.20 \\ + 1528.0 \\ \hline \end{array}$$

$$\begin{array}{r} 1916.00 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 3493.6 \\ \times 5.3 \\ \hline \end{array}$$

$$\begin{array}{r} 11118.8 \\ + 19880.0 \\ \hline \end{array}$$

$$\begin{array}{r} 20998.8 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 96.2 \\ \times 4.8 \\ \hline \end{array}$$

$$\begin{array}{r} 1761.6 \\ + 3848.0 \\ \hline \end{array}$$

$$\begin{array}{r} 461.76 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 2.61 \\ \times 4.3 \\ \hline \end{array}$$

$$\begin{array}{r} 1783 \\ + 10440 \\ \hline \end{array}$$

$$\begin{array}{r} 1122.3 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 3.257 \\ \times 8.5 \\ \hline \end{array}$$

$$\begin{array}{r} 1635 \\ + 26150 \\ \hline \end{array}$$

$$\begin{array}{r} 27.745 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 159.8 \\ \times .67 \\ \hline \end{array}$$

$$\begin{array}{r} 11386 \\ + 11880 \\ \hline \end{array}$$

$$\begin{array}{r} 132.66 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 645.8 \\ \times .72 \\ \hline \end{array}$$

$$\begin{array}{r} 1316 \\ + 4606.0 \\ \hline \end{array}$$

$$\begin{array}{r} 473.76 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 5.8913 \\ \times 6.5 \\ \hline \end{array}$$

$$\begin{array}{r} 29165 \\ + 35580 \\ \hline \end{array}$$

$$\begin{array}{r} 38.545 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 29.20 \\ \times 8.3 \\ \hline \end{array}$$

$$\begin{array}{r} 2760 \\ + 73600 \\ \hline \end{array}$$

$$\begin{array}{r} 76360 \\ \hline \end{array}$$

j.
$$\begin{array}{r} 7392.7 \\ \times .46 \\ \hline \end{array}$$

$$\begin{array}{r} 47182 \\ + 31880 \\ \hline \end{array}$$

$$\begin{array}{r} 36662 \\ \hline \end{array}$$

- k. Noah bought a new car. It gets 21.7 miles per gallon of gas on the highway. His gas tank is able to hold 14 gallons of gas. How many miles can Noah travel on the highway on one tank of gas?

$$\begin{array}{r} 21.7 \\ \times 14 \\ \hline 1816 \\ + 2170 \\ \hline 303.8 \\ \hline \end{array}$$

Noah can
travel 303.8
miles.

Name: Loz

Multiplying Decimals



Solve the word problems. Show your work.

- a. The Anderson's have a booth at the farmer's market they set up each weekend over the summer. They sell homemade apple pies for \$9.75 each. On Saturday, they sold 7 pies. How much money did they make selling pies on Saturday?

$$\begin{array}{r} 53 \\ 9.75 \\ \times 7 \\ \hline 68.25 \end{array}$$

They made
\$68.25.

- b. They carefully measure out the ingredients to make their pies. Each pie they make has 5.33 cups of apples in the filling. How many cups of apples are in 6 pies?

$$\begin{array}{r} 11 \\ 5.33 \\ \times 6 \\ \hline 31.98 \end{array}$$

31.98 cups
of apples are
in 6 pies.

- c. Along with pies, the Anderson's also sell jars of homemade strawberry jam for \$5.99 each. On Sunday, they sold 9 jars of jam. How much did they make selling jam on Sunday?

$$\begin{array}{r} 539 \\ 5.99 \\ \times 9 \\ \hline 53.91 \end{array}$$

They made
\$53.91.

- d. Each jar they sell holds 8.62 ounces of jam. How many ounces of jam are in 3 jars?

$$\begin{array}{r} 862 \\ 8.62 \\ \times 3 \\ \hline 25.86 \end{array}$$

25.86 ounces
are in 3 jars
of jam.