

Name _____

Multiplying Two Decimals

Find each product.

1.
$$\begin{array}{r} 3.2 \\ \times 0.3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 4.4 \\ \times 0.2 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 8.6 \\ \times 3.4 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 1.9 \\ \times 0.05 \\ \hline \end{array}$$

5. $0.79 \times 4.3 =$ _____

6. $0.8 \times 0.05 =$ _____

7. The product of 4.7 and 6.5 equals 30.55. What is the product of 4.7 and 0.65? 4.7 and 65?

8. What would be the gravity in relation to Earth of a planet with 3.4 times the gravity of Mercury?

9. The gravity of Venus is 0.35 times that of Jupiter. What is the gravity of Venus in relation to Earth's gravity?

**Relative (to Earth)
Surface Gravity**

Planet	Gravity
Mercury	0.39
Neptune	1.22
Jupiter	2.6

10. How many decimal places are in the product of a number with decimal places to the hundredths multiplied by a number with decimal places to the tenths?

A 2

B 3

C 4

D 5

11. Explain how you know the number of decimal places that should be in the product when you multiply two decimal numbers together.

