Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class:\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_

**Learning Target**: I can multiply decimals.

**Do Now**: Select the best answer for the question below. Explain your answer in complete sentences.



Explanation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Learning Target**: I can multiply decimals.

**Do Now**: Select the best answer for the question below. Explain your answer in complete sentences.



Explanation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class:\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_

**Learning Target**: I can multiply decimals.

While watching the video…

(1) What is a common mistake made when multiplying decimals?

(2) Shade in the hundredths block to show the solution for 0.3 x 0.5:



Prove it!:

 0.3

x 0.5

(3) Shade in the hundredths block to show the solution for 0.4 x 0.5:



Prove it!:

 0.4

x 0.5

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class:\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_

**Learning Target**: I can multiply decimals.

**Multiplying a decimal by a whole number:**



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**Multiplying a decimal by a decimal:**





**Other examples:**



You try…

|  |  |  |
| --- | --- | --- |
| (1) 0.12 x 5 = | (2) 0.3 x 0.25 =  | (3) 0.2 x 1.3 =  |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class:\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_

**Learning Target**: I can multiply decimals.

**Multiplying a decimal by a whole number:**



Paso 1: multiplica como lo harías con números enteros.

Paso 2: cuente cuántos dígitos tiene después de cada punto decimal en el problema.

Paso 3: mueva el punto decimal a la izquierda tantos lugares como hay dígitos detrás del decimal.

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**Multiplying a decimal by a decimal:**





Paso 1: multiplica como lo harías con números enteros.

Paso 2: cuente cuántos dígitos tiene después de cada punto decimal en el problema.

Paso 3: mueva el punto decimal a la izquierda tantos lugares como hay dígitos detrás del decimal.

**Other examples:**



You try…

|  |  |  |
| --- | --- | --- |
| (1) 0.12 x 5 = | (2) 0.3 x 0.25 =  | (3) 0.2 x 1.3 =  |