



## Lesson 12

### Objective:

I can multiply decimals by single-digit whole numbers.



Let's start with the Sprint.

$$\begin{array}{r} 3.5 \\ + 1.0 \\ \hline 4.5 \end{array}$$

$$\begin{array}{r} 3.52 \\ + 1.00 \\ \hline 4.52 \end{array}$$

$$\begin{array}{r} 0.3 \\ + 0.1 \\ \hline 0.4 \end{array}$$

$$\begin{array}{r} 0.37 \\ + 0.10 \\ \hline 0.47 \end{array}$$

$$\begin{array}{r} 5.37 \\ + 0.10 \\ \hline 5.47 \end{array}$$

$$\begin{array}{r} 0.03 \\ + 0.01 \\ \hline 0.04 \end{array}$$

$$\begin{array}{r} 0.83 \\ + 0.01 \\ \hline 0.84 \end{array}$$

$$\begin{array}{r} 2.83 \\ + 0.01 \\ \hline 2.84 \end{array}$$

## A

Add Decimals

1.	$3 + 1 =$	<b>4</b>
2.	$3.5 + 1 =$	<b>4.5</b>
3.	$3.52 + 1 =$	<b>4.52</b>
4.	$0.3 + 0.1 =$	<b>0.4</b>
5.	$0.37 + 0.1 =$	<b>0.47</b>
6.	$5.37 + 0.1 =$	<b>5.47</b>
7.	$0.03 + 0.01 =$	<b>0.04</b>
8.	$0.83 + 0.01 =$	<b>0.84</b>
9.	$2.83 + 0.01 =$	<b>2.84</b>
10.	$30 + 10 =$	<b>40</b>
11.	$32 + 10 =$	<b>42</b>



## Estimate first!

2 1. Choose the reasonable product for each expression. Explain your reasoning in the spaces below using words, pictures, or numbers.

$$\begin{array}{r} 2.5 \\ \times 4 \\ \hline 10.0 \end{array}$$

a.  $2.5 \times 4$

so where should we place the decimal point?

0.1

1

10

100

2.5 is about...?

3

so  $3 \times 4 = ?$

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Of these answer choices, 10 makes the most sense.

2 b.  $3.14 \times 7$

2198

219.8

21.98

2.198

$$\begin{array}{r} 3.14 \\ \times 7 \\ \hline 21.98 \end{array}$$

so where should we place the decimal point?

3.14 is about...?

3

so  $3 \times 7 = ?$

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Of these answer choices, 21.98 makes the most sense.



## **Your tasks:**

- 1. Watch Lesson 12 Video – Complete Ed-Puzzle quiz questions**
- 2. Complete Lesson 12 Sprint – one side only (Google Classroom)**
- 3. Complete Lesson 12 Problem Set (Google Classroom)**

***You have a lot to do – Don't waste time!***