## Unit 5 Lesson 21: Multiply More Decimals

### WU Estimation Exploration: Central Park (Warm up)

#### Student Task Statement

Central Park is a large park in Manhattan. It is about 3.85 kilometers long and 0.79 km wide. What is the area of Central Park?

Record an estimate that is:



|  |  |  |
| --- | --- | --- |
| too low | about right | too high |
| $$ | $$ | $$ |

### 1 Multiply More Decimals

#### Student Task Statement

1. Explain or show why each pair of expressions is equivalent.
	1. $7.2×5.3$ and $\left(72×53\right)×0.01$
	2. $6.5×2.8$ and $\left(65×28\right)÷100$
	3. $31×0.44$ and $\left(31×44\right)×\frac{1}{100}$
2. Find the value of the products in the previous problem.

### 2 Choose Your Strategy

#### Student Task Statement

Find the value of each product.

1. $7.3×4.2$
2. $38×0.55$
3. $285×0.17$



© CC BY 2021 Illustrative Mathematics®