## Unit 5 Lesson 25: Divide Decimals by Decimals

### WU Number Talk: Same/Different (Warm up)

#### Student Task Statement

Find the value of each expression mentally.

* $20÷2$
* $2÷0.2$
* $50÷2$
* $5÷0.2$

### 1 Dividing by a Tenth and a Hundredth

#### Student Task Statement

1. To find the value of $1.6÷0.1$, Jada drew this diagram.
	1. Describe how the diagram shows 1.6.
	* 
	1. Describe how the diagram shows 16 groups of 1 tenth.
	2. Describe how the diagram shows the value of $1.6÷0.1$.
	3. Describe how the diagram also represents the expression $160÷10$.
2. Explain how this diagram represents $1.3÷0.01$.
* 
	1. What is the value of $1.3÷0.01$? Explain or show your reasoning.

### 2 Divide Decimals by Decimals

#### Student Task Statement

Find the value of each expression. Explain or show your reasoning.

1. $5÷0.1$
2. $5÷0.01$
3. $0.5÷0.1$
4. $0.5÷0.01$
5. $0.02÷0.01$
6. $1.53÷0.01$



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