## Unit 3 Lesson 16: Reason About Quotients

### WU Estimation Exploration: How Many One Fifths? (Warm up)

#### Student Task Statement

$98÷\frac{1}{5}$

Record an estimate that is:

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

### 1 Greater Than or Less Than 1

#### Student Task Statement

$25÷\frac{1}{5}$

$\frac{1}{7}÷25$

$\frac{1}{8}÷25$

$25÷\frac{1}{7}$

$25÷\frac{1}{8}$

$\frac{1}{5}÷25$

1. Without finding the value of the expressions, write each expression under the correct category.
* **The value of the expression is less than 1**
* **The value of the expression is greater than 1**
1. Explain your strategy for determining whether a quotient is less than 1 or greater than 1.

### 2 Estimate and Divide

#### Student Task Statement

$25÷\frac{1}{5}$

$\frac{1}{7}÷25$

$\frac{1}{8}÷25$

$25÷\frac{1}{7}$

$25÷\frac{1}{8}$

$\frac{1}{5}÷25$

1. Without finding the value of the expressions, put the expressions in order from least to greatest.
2. Choose 2 expressions and find the value of the expressions.



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