## Unit 2 Lesson 3: Same Denominator or Numerator

### WU Number Talk: Hundreds More (Warm up)

#### Student Task Statement

Find the value of each expression mentally.

* $136+100$
* $136+300$
* $136+370$
* $136+378$

### 1 Fractions with the Same Denominator

#### Student Task Statement

1. This diagram shows a set of fraction strips. Label each rectangle with the fraction it represents.
* 
1. Circle the greater fraction in each of the following pairs. If helpful, use the diagram of fraction strips.
	1. $\frac{3}{4}$  or  $\frac{5}{4}$
	2. $\frac{3}{5}$  or  $\frac{5}{5}$
	3. $\frac{3}{6}$  or  $\frac{5}{6}$
	4. $\frac{3}{8}$  or  $\frac{5}{8}$
	5. $\frac{3}{10}$  or  $\frac{5}{10}$
2. What pattern do you notice about the circled fractions? How can you explain the pattern?
3. Which one is greater: $\frac{7}{3}$ or $\frac{10}{3}$? Explain your reasoning.

### 2 Fractions with the Same Numerator

#### Student Task Statement

1. Circle the greater fraction in each of the following pairs. If helpful, use the diagram of fraction strips.
	1. $\frac{1}{3}$  or  $\frac{1}{5}$
	2. $\frac{2}{3}$  or  $\frac{2}{5}$
	3. $\frac{3}{3}$  or  $\frac{3}{5}$
	4. $\frac{4}{3}$  or  $\frac{4}{5}$
	5. $\frac{9}{3}$  or  $\frac{9}{5}$
2. What pattern do you notice about the circled fractions? How can you explain the pattern?
3. Which one is greater: $\frac{70}{100}$ or $\frac{70}{20}$? Explain your reasoning.
4. Tyler is comparing $\frac{4}{10}$ and $\frac{4}{6}$. He says, “Ten is greater than 6, so $\frac{4}{10}$ is greater than $\frac{4}{6}$.” Explain or show why Tyler’s conclusion is incorrect.



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