

### Comparing Fractions: Who Is Correct?

Sarah, Jimmy, and Alex were asked to compare  $\frac{1}{3}$  and  $\frac{1}{4}$ .

Circle the name of the student who compares  $\frac{1}{3}$  and  $\frac{1}{4}$  correctly.

**Sarah**  $\frac{1}{3}$  and  $\frac{1}{4}$  are equal. When I draw strip diagrams to represent each fraction, the same length is shaded to show one part.

$\frac{1}{3}$	
$\frac{1}{4}$	

**Jimmy**  $\frac{1}{3}$  is greater than  $\frac{1}{4}$ . The shaded portion of the strip diagram that represents  $\frac{1}{3}$  is longer than the shaded portion that represents  $\frac{1}{4}$ .

$\frac{1}{3}$	
$\frac{1}{4}$	

**Alex**  $\frac{1}{4}$  is greater  $\frac{1}{3}$  than because four is greater than three.

#### Communicating about Mathematics

Select one of the incorrect answers. Explain why the answer is incorrect.




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