Unit 8, Lesson 17

True or False?

Let's create a *True or False?* activity.

Warm-up

True or False: Fraction Addition

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $\frac{3}{4} + \frac{3}{8} = \frac{3}{8} + \frac{3}{8}$

- $\frac{7}{5} + \frac{2}{3} = \frac{21}{15} + \frac{8}{15}$

- $\frac{8}{9} + \frac{5}{12} = \frac{32}{36} + \frac{15}{36}$

Activity 1

True or False: Design 1

Write an equation to complete the *True and False?* task. Be prepared to share your reasoning for the equation you chose.

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $\frac{5}{6} - \frac{4}{9} = \frac{45}{54} - \frac{24}{54}$

- $\frac{5}{6} - \frac{4}{9} = \frac{15}{36}$

- _____

Activity 2

True or False: Design 2

Write two equations to complete the *True or False?* task. Be prepared to share your reasoning for the equations you chose.

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $\frac{8}{14} + \frac{3}{7} = \frac{4}{7} + \frac{3}{7}$

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Activity 3

True or False: Design 3

Write three equations to complete the *True or False?* task. Be prepared to share your reasoning for the equations.

Decide if each statement is true or false. Be prepared to explain your reasoning.

- _____
- _____
- _____