

Lesson 17: True or False?

- Let's create a True or False.

Warm-up: True or False: Fraction Addition

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

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

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

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

17.1: True or False: Design 1

Write an equation to complete the True and False task. Be prepared to share your reasoning for the last equation.

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

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

- _____

17.2: Design 2

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

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

- _____

- _____

17.3: Design 3

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

• _____

• _____

• _____