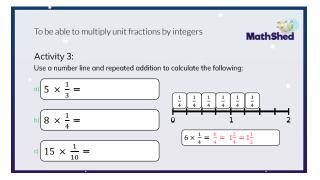


To be able to multiply unit fractions by integers

Activity 2:
Use a single bar model to calculate the following:

a) $\frac{1}{9} \times 3 =$ b) $\frac{1}{8} \times 6 =$ c) $\frac{1}{12} \times 8 =$ $\frac{1}{9} \times 6 = \frac{6}{9} = \frac{2}{3}$



To be able to multiply unit fractions by integers

Activity 4:

James says, "When I multiply a unit fraction by its denominator, its result is equal to one whole."

Is James' statement always, sometimes or never true?

Provide examples to explain your answer.

To be able to multiply unit fractions by integers

Activity 5:
Ruth says. "I am thinking of a unit fraction. When I multiply my fraction by six, the result can be simplified to one half. When I multiply my fraction by four, the result can be simplified to one third."

a) Which is the unit fraction Ruth is thinking about? Explain your answer.

b) Write a multiplication sentence using Ruth's unit fraction that gives a simplified result of three quarters.

