



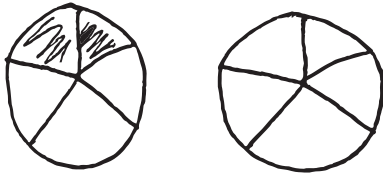
## Unit 7 Open Response Assessment

### Multiplying a Whole Number by a Fraction

Trenton and Rory started solving the following problem but stopped because of a fire drill. Finish each boy's solution using the tool or strategy that he chose.

$$3 * \frac{2}{5} = \square$$

- ① Finish Trenton's work.



Explain how multiplication could be used in Trenton's strategy.



## Unit 7 Open Response Assessment (continued)

- ② Finish Rory's work.



Explain how multiplication could be used in Rory's strategy.

- ③ How could you find  $3 * \frac{2}{5}$  mentally?

- ④ Write a rule that someone else could follow to multiply any of the following mentally:

$4 * \frac{2}{3}$

$5 * \frac{1}{4}$

$3 * \frac{4}{5}$

$6 * \frac{9}{10}$