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Extension Activity

abacus Mastery Checkpoint

Have you mastered multiplying and dividing fractions by whole numbers?

Solve these problems, changing improper fractions to mixed numbers or simplifying where possible.

- a) Three children each eat $\frac{4}{5}$ of a pizza. How much pizza is that altogether?
- b) $\frac{3}{4}$ of a lemon is needed for a cake. How many lemons are needed for 10 cakes?
- c) Four children share $\frac{2}{3}$ of a cake. What fraction of the cake is that each?



Champions' Challenge

1. Arrange the digits 3, 4, and 5 to create a number sentence of a proper fraction multiplied by a whole number, like this:

$$\frac{\square}{\square} \times \square$$

How many different ways can you do this?

- 2. What do you notice about the answers to your number sentences?
- 3. Would it be the same if you used three different digits?