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## Picking Fractions

This problem gives you the chance to:

- work with equivalent fractions
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This is a fraction tree.

Under the tree are baskets.

The fraction tree has the following fractions in its leaves:

- Top:  $\frac{4}{12}$
- Second level:  $\frac{2}{8}$ ,  $\frac{4}{8}$
- Third level:  $\frac{3}{6}$ ,  $\frac{3}{9}$
- Fourth level:  $\frac{2}{4}$ ,  $\frac{6}{8}$ ,  $\frac{6}{9}$ ,  $\frac{3}{12}$
- Fifth level:  $\frac{9}{12}$ ,  $\frac{8}{12}$ ,  $\frac{2}{6}$

The baskets below have the following target fractions:

- Basket 1:  $\frac{1}{2}$
- Basket 2:  $\frac{1}{4}$
- Basket 3:  $\frac{3}{4}$
- Basket 4:  $\frac{1}{3}$
- Basket 5:  $\frac{2}{3}$

Below each basket is a horizontal line for labeling.

1. Equivalent fractions picked from the tree must be placed in the same basket.  
Put each fraction on the tree into the correct basket.

2. Find one **new** equivalent fraction for each basket and write it on the line that is in front of the basket.
3. Fill in the missing numerator and denominator to make this pair of fractions equivalent.

$$\underline{2} = \frac{\quad}{\mathbf{10}}$$

Explain how you figured it out.

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