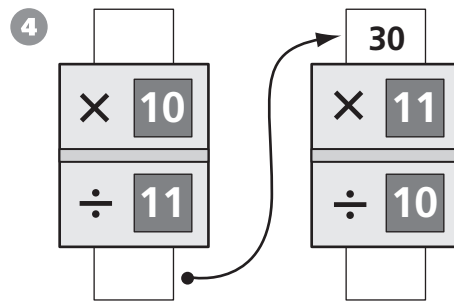
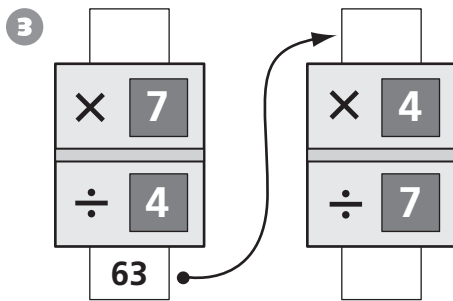
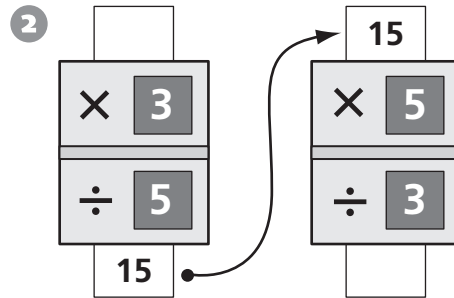
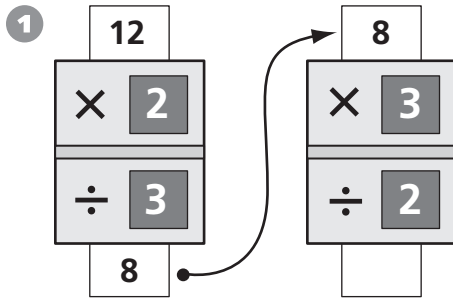


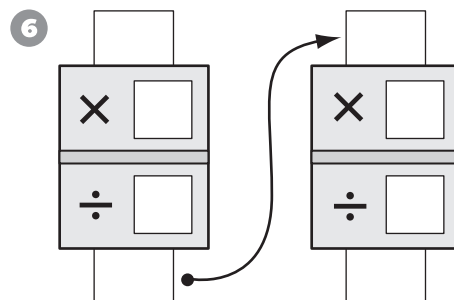
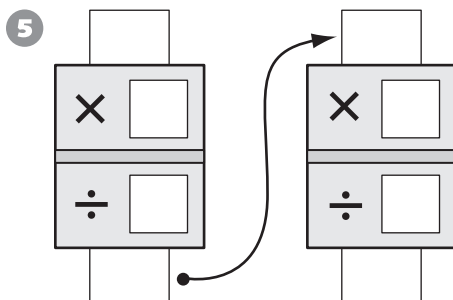
# Finding Equivalent Fractions

These fraction machines are “reciprocals” of each other. A fraction’s reciprocal is another fraction in which the numerator and denominator have switched places. For example,  $\frac{2}{3}$  and  $\frac{3}{2}$  are reciprocals of each other.

Fill in the missing numbers.



Make your own reciprocal machines with inputs and outputs.



7 What happens when a number goes through a fraction machine and its reciprocal machine? Do you see a pattern? Why does this pattern always occur?

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