

Name \_\_\_\_\_

### Simplify to Lowest Answer Key

|                                     |                   |
|-------------------------------------|-------------------|
| 1) $\frac{1}{2}$                    | 11) $\frac{3}{7}$ |
| 2) $\frac{1}{3}$                    | 12) $\frac{2}{3}$ |
| 3) $\frac{1}{2}$                    | 13) $\frac{3}{5}$ |
| 4) $\frac{7}{8}$ (Already simplest) | 14) $\frac{5}{8}$ |
| 5) $\frac{1}{2}$                    | 15) $\frac{3}{7}$ |
| 6) $\frac{2}{5}$                    | 16) $\frac{2}{3}$ |
| 7) $\frac{1}{3}$                    | 17) $\frac{5}{6}$ |
| 8) $\frac{2}{5}$                    | 18) $\frac{3}{5}$ |
| 9) $\frac{2}{3}$                    | 19) $\frac{2}{3}$ |
| 10) $\frac{2}{3}$                   | 20) $\frac{3}{4}$ |

### Teacher's Guide

- Implement by having students simplify independently, then compare answers with a partner before reviewing as a class.
- Encourage students to look for the greatest common factor first, but remind them that dividing by any common factor repeatedly also works.
- Differentiate by having developing learners circle common factors before simplifying, while advanced learners explain why a fraction is already in simplest form.
- Keep students engaged by asking them to find all the fractions that simplify to the same final answer, such as  $\frac{2}{3}$  or  $\frac{3}{5}$ .
- Extend learning by having students create five new fractions that simplify to  $\frac{1}{2}$ , then exchange and solve with a classmate.