

## Simplify Fractions – Solutions

$$1. \frac{15}{27} = \frac{15 \div 3}{27 \div 3} = \frac{5}{9}$$

$$2. \frac{24}{60} = \frac{24 \div 12}{60 \div 12} = \frac{2}{5}$$

$$3. \frac{36}{54} = \frac{36 \div 18}{54 \div 18} = \frac{2}{3}$$

$$4. \frac{18}{36} = \frac{18 \div 18}{36 \div 18} = \frac{1}{2}$$

$$5. \frac{49}{56} = \frac{49 \div 7}{56 \div 7} = \frac{7}{8}$$

$$6. \frac{21}{35} = \frac{21 \div 7}{35 \div 7} = \frac{3}{5}$$

$$7. \frac{40}{56} = \frac{40 \div 8}{56 \div 8} = \frac{5}{7}$$

$$8. 5 + \frac{12}{4} = 5 + \frac{12^3}{4_1} = 5 + 3 = 8$$

$$9. \frac{340}{(880 + 650 + 340 + 390)} = \frac{340}{2260} = \frac{340 \div 20}{2260 \div 20} = \frac{17}{113}$$

$$10. \frac{(880 + 650)}{(880 + 650 + 340 + 390)} = \frac{1530}{2260} = \frac{1530 \div 10}{2260 \div 10} = \frac{153}{226}$$