

Solving Equations with Fractions

$$1. \frac{x+2}{2} + \frac{x+4}{3} = 4$$

$$2. \frac{x+2}{2} + \frac{x+4}{8} = 4$$

$$3. \frac{x+2}{2} + \frac{x+4}{8} = 9$$

$$4. \frac{x+2}{6} + \frac{x+4}{8} = 9$$

$$5. \frac{x+2}{6} - \frac{x+4}{8} = 9$$

$$6. \frac{x+2}{6} - \frac{x-4}{8} = 9$$

$$7. \frac{x-2}{6} - \frac{x-4}{8} = 9$$

$$8. \frac{2x-2}{6} - \frac{2x-4}{8} = 9$$

$$9. \frac{4x-2}{6} - \frac{4x-4}{8} = 9$$

$$10. \frac{4x-4}{8} - \frac{4x-2}{6} = 9$$

$$11. \frac{4x-4}{8} - \frac{4x-2}{6} = 1$$

$$12. \frac{4x-4}{8} - \frac{4x-2}{6} = \frac{1}{2}$$

Solving Equations with Fractions - ANSWERS

$$1. x = 2$$

$$2. x = 4$$

$$3. x = 12$$

$$4. x = 28$$

$$5. x = 220$$

$$6. x = 196$$

$$7. x = 212$$

$$8. x = 106$$

$$9. x = 53$$

$$10. x = -55$$

$$11. x = -7$$

$$12. x = -4$$