

12-05-24-T7 Review

Simplify each expression.

$$1) \frac{4a}{6b} + \frac{6}{7a}$$

$$2) \frac{3m}{4n} - \frac{4m}{5m}$$

$$3) \frac{x-8y}{5x} + \frac{x-8y}{7y}$$

$$4) \frac{6}{8x^2} - \frac{6}{2}$$

$$5) \frac{2}{6n^3} - \frac{2m}{2n^3}$$

$$6) \frac{8y}{4y} - \frac{3}{8y^2}$$

Solve each equation.

$$7) -\frac{13}{2} - 3\frac{2}{3}x = -1 + \frac{1}{2}\left(x + \frac{3}{2}\right)$$

$$8) 1.7498 + 1.9a = -1.23(0.4a + 1.3)$$

Answers to 12-05-24-T7 Review

$$1) \frac{14a^2 + 18b}{21ba}$$

$$2) \frac{15m - 16n}{20n}$$

$$3) \frac{-33xy + 5x^2 - 56y^2}{35xy}$$

$$4) \frac{-12x^2 + 3}{4x^2}$$

$$5) \frac{1 - 3m}{3n^3}$$

$$6) \frac{16y^2 - 3}{8y^2}$$

$$7) \left\{ -\frac{3}{2} \right\}$$

$$8) \{-1.4\}$$