1   Algebra

(a) $\dfrac{x}{7} = 6y$

(b) $7y + \dfrac{xz}{2} = 3$

(c) $\dfrac{\frac{1}{6}x}{8} + 7y = 2$

(d) $2y + \dfrac{7}{x^{\frac{1}{z}}} = 4y$

(e) $y + \dfrac{6}{x+3} = 5y$

(f) $9y + \dfrac{1}{x+y} = 2y$

2   Fractions

(a) $\dfrac{x}{7} + \dfrac{2}{7} = x + y$

Answers

3   Algebra

(a) $x = 42y$

(b) $x = \dfrac{2}{z}(-7y + 3)$

(c) $x = -336y + 96$

(d) $x = \dfrac{7z}{2y}$

(e) $x = -3 + \dfrac{3}{2y}$

(f) $x = -y - \dfrac{1}{7y}$

4   Fractions

(a) $x = -\dfrac{7y}{6} + \dfrac{1}{3}$