

Changing the Subject with Higher Powers, Roots Including Brackets and Fractions: Mixed Exercise



Make x the subject of each:

1 $w = \sqrt[5]{x + 2c}$

7 $2s - x^4 = 3t$

2 $(x - 5c)^4 = d$

8 $(5x)^8 + 5 = 3p^2$

3 $y = 2(x^7 - z)$

9 $9a = b(2c + \sqrt[7]{x})$

4 $j = \frac{2\sqrt[3]{x}}{3k^2}$

10 $v = \frac{7x^9 - w^2}{3}$

5 $\frac{\sqrt[8]{x} + 2f}{g} = h$

11 $9(y - \sqrt[11]{x}) = 5z$

6 $t = 2t\sqrt{x - s}$

12 $\frac{3z}{7}(y - 2x)^9 = w^4$

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