

TRANSFORMATION OR FORMULAE AND SOLVING OR SIMULTANEOUS LINEAR EQUATIONS

Exercise 4.5: Make x the subject of the following formulae:

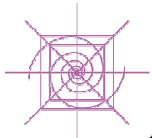
a) $y - x = \frac{a + x}{b}$

b) $y(a - x) = b(a + x)$

c) $y = \frac{a + x}{x - b}$

d) $x - y = \frac{a + x}{b}$

e) $(a - x)y = \frac{x(a - c)}{b}$



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f) $b - x = \frac{a + x}{c}$

g) $c(y + x) = a(x - b)$

h) $ax = \frac{a + x}{c + b}$

i) $e = \sqrt{\frac{x - k}{k(1 + xk)}}$

j) $V = \pi r^2 \left(x + \frac{3}{2}r\right)$
