

## TRANSPOSITION OF FORMULAE AND SOLVING OR SIMULTANEOUS LINEAR EQUATIONS

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

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

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

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

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

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

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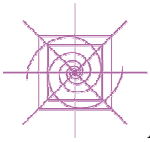
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f)  $b - x = \frac{a + x}{c}$

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

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

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

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

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