

Change the subject of a formula (part 1)

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Name: _____



Make y the subject of the formula:

a) $x = y + 5$

e) $3y = 6x$

i) $x = \frac{y}{6}$

b) $y + 2 = x$

f) $10x = 5y$

j) $\frac{y}{4} = x$

c) $y - 4 = 4x$

g) $8x - 4 = 2y$

k) $x + 5 = \frac{y}{3}$

d) $y - x = 5$

h) $2y = 4 - 2x$

l) $\frac{y}{2x} = 5$

Make y the subject of the formula:

m) $x = 5y - 6$

r) $4x = \frac{2y}{7}$

n) $2y - 9 = x$

s) $x = \frac{2y}{9}$

o) $3y + 9 = 3x$

t) $\frac{y}{7} + 2 = x$

p) $5y + 10 = 10x$

u) $x = \frac{y+3}{5}$

q) $8x = 2y - 4$

v) $x = \frac{y-7}{3}$

Exam style question:

P is the perimeter of the parallelogram

a) Show that $P = 8a + 2b$

b) Express a in terms of P and b

