MATHS·SCHOOL

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Name:

Make x the subject of the formula:

a) $y = \sqrt{x}$

b) $t = x^2$

c) $a = x^3$

d) $\sqrt{x} = y$

e) $w = \sqrt[3]{x}$

f) $u = x^5$

Make x the subject of the formula:

g) $y = x^2 - 3$

h) $t = 5x^2$

i) $y = \dfrac{x^2}{7}$

j) $y = x^2 + 6$

k) $y = 3x^2 + 1$

l) $a = cx^2 - b$

Make x the subject of the formula:

m) $4y^2 = x^2$

n) $100t^2 = 4x^2$

o) $7y^2 = \dfrac{x^2}{7}$

p) $42y^2 = x^2 - 6y^2$

q) $y = \dfrac{\sqrt{x}}{2}$

r) $a = 5\sqrt{x}$

Exam style question:

A is the area of the triangle
a) Show that $A = 36c^2$

Express c in terms of A (in it's simplest form)

$9c$

$8c$