

Quadratics - Foundation – Edexcel Past Paper Questions

June 2023 - Paper 1 – Q27)

(a) Expand and simplify $(3x + 2)(2x - 5)$ (2)

(b) Factorise $x^2 - 16$ (1)

June / November 2021 - Paper 1 – Q32

Factorise $x^2 + 7x + 10$ (2)

June 2019 - Paper 1 – Q28

Multiply out and simplify $(x + 5)(x - 1)$ (2)

November 2018 - Paper 1 – Q31

Solve $x^2 - x - 12 = 0$ (3)

November 2017 - Paper 1 – Q31

Factorise $x^2 - 100$ (1)

November 2017 - Paper 3 – Q28

Multiply out and simplify $(x - 8)^2$ (2)

June 2017 - Paper 3 – Q26

Circle the expression equivalent to $x^2 - 4x - 12$

$(x - 4)(x - 8)$ $(x + 3)(x - 4)$ $(x - 12)(x + 1)$ $(x + 2)(x - 6)$ (1)

Specimen - Paper 2 – Q29

Circle the equation with roots 4 and -8

$4x(x - 8) = 0$

$(x - 4)(x + 8) = 0$

$x^2 - 32 = 0$

$(x + 4)(x - 8) = 0$ (1)

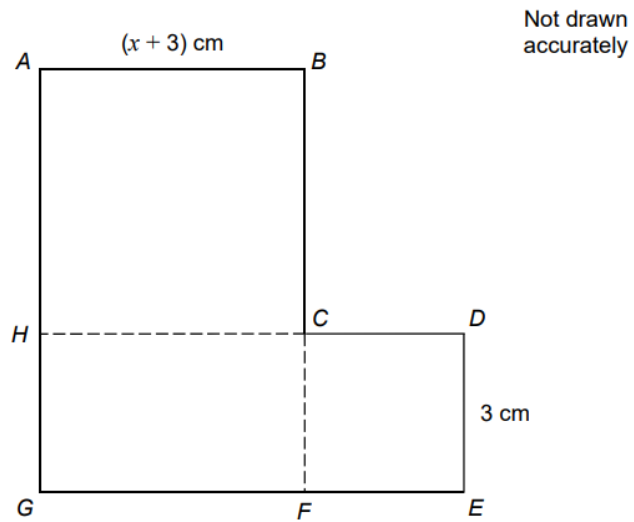
Specimen - Paper 1 – Q30

$ABCH$ is a square.

$HCFG$ is a rectangle.

$CDEF$ is a square.

They are joined to make an L-shape.



Show that the total area of the L-shape, in cm^2 , is $x^2 + 9x + 27$

(4)