

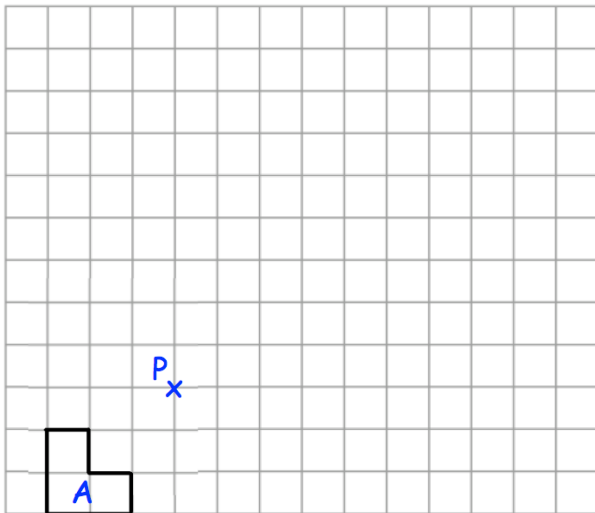
14th January



Corbettmaths

Make w the subject of

$$a + 3w^2 = s$$

Enlarge shape A by scale factor -3 , using the point P as centre of enlargement.

Simplify fully

$$\frac{x^2 + 6x + 8}{2x + 8}$$

Simplify

$$\frac{(3^6)^5}{9 \times 3^7}$$

Give your answer as a power of 3.