

21st September

Corbettmaths

The function f is such that
 $f(x) = 4x - 7$

solve

$$f(x) = 17$$

Find

$$f^{-1}(x)$$

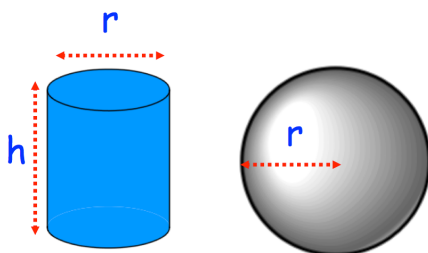
Work out

$$27^{-\frac{2}{3}}$$

a is directly proportional to \sqrt{c} .
 w is inversely proportional to a^3 .

$$\text{When } c = 49, a = 35$$

$$\text{When } a = 2, w = 16.$$

Find the value of w when $c = 4$.

The surface area of the cylinder is equal to the surface area of the sphere.

Express h in terms of x