

26th August

Corbettmaths

Solve

$$\frac{\sqrt{6} \times \sqrt{y}}{\sqrt{3}} = 4\sqrt{23}$$

$$y = 8x^3 + 7x - 1$$

Work out $\frac{d^2y}{dx^2}$ Circle 1 has an equation of
 $(x - 9)^2 + (y - 5)^2 = 49$ Circle 2 has an equation of
 $(x + 1)^2 + (y - 1)^2 = 121$ Calculate the distance between the
centres of Circle 1 and Circle 2

Solve the simultaneous equations

$$10x + 20y + 30z = 17$$

$$15x + 15y + 10z = 12$$

$$25x - 10y - 20z = 2$$