

**1st February**

Corbettmaths

Factorise fully  $7x^2 - 28$ Use Pascal's Triangle to work out the coefficient of  $x^4$  in the expansion of  $(3 - x)^6$ 

$$A = 3x \quad B = 4x$$

C is 75% more than A

D is 30% less than B

C is 147 greater than D

Work out the value of x

Solve

$$x^{-\frac{2}{5}} = 2\frac{1}{4}$$