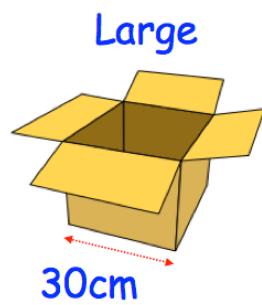




Simplify  $\sqrt{175}$

Solve  $x^2 + 70 = 17x$



Shown are two boxes that are mathematically similar.  
The volume of the small box is  $500\text{cm}^3$   
Work out the volume of the larger box.

The probability Freya passes a test is 0.8.

The probability both Freya and Orla pass a test is 0.5.

What is the probability Orla passes the test?

What is the probability both Freya and Orla fail the test?