



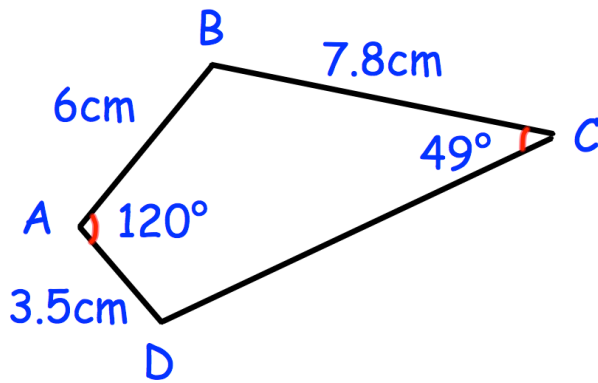
Write down the exact value of

$$\sin 150^\circ$$

Find the value of y

$$2^y \times 4^{y+3} = 16$$

Calculate the length BD



Calculate the area of ABCD

Charlotte and Ben invest money for 4 years.
Charlotte's bank paid 4% interest for the first year and then 1% compound interest for the other years.
Ben's bank pays the same percentage compound interest each year.

They invest the same amount of money and have the same amount of money at the end of 4 years.
Work out the percentage interest that Ben's bank pays.