

**2nd August**

Corbettmaths

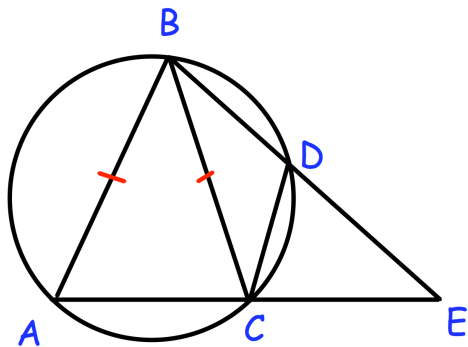
$$-9 < a < -3 \quad \text{and} \quad -5 < b < -4$$

$$ab$$

Write down an inequality for each of the following

$$a^2$$

$$\frac{a}{b}$$



$$AB = BC$$

ACE and BDE are straight lines.

Prove that angle  $BCA = CDE$

$$\mathbf{A} = \begin{pmatrix} -2 & 3 \\ 1 & -4 \end{pmatrix} \quad \mathbf{B} = \begin{pmatrix} 8 & 0 \\ 2 & -1 \end{pmatrix}$$

Work out the matrix  $\mathbf{AB}$