

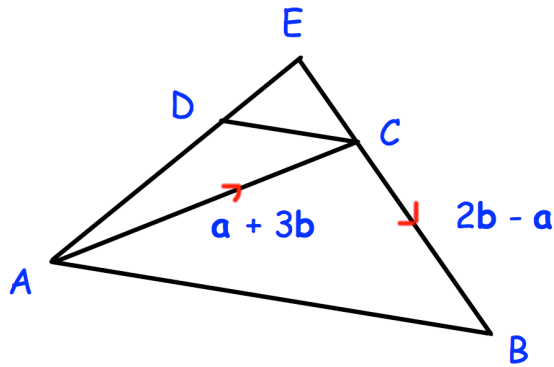
14th January



Corbettmaths

Find the value of

$$32^{\frac{2}{5}}$$



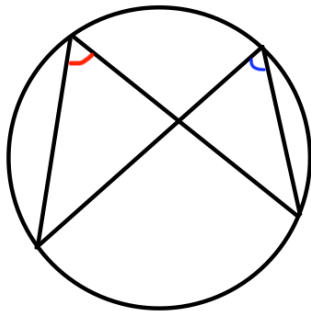
Find the vector

$$\vec{AB}$$

$$\vec{EC} = \frac{1}{5}\vec{CB}$$

$$\vec{DE} = \frac{1}{5}\vec{a}$$

Prove DC is parallel to AB



Prove the angles in the same segment are equal.

Write

$$\frac{4}{\sqrt{5}} - \sqrt{2\frac{2}{9}}$$

in the form  $k\sqrt{5}$