

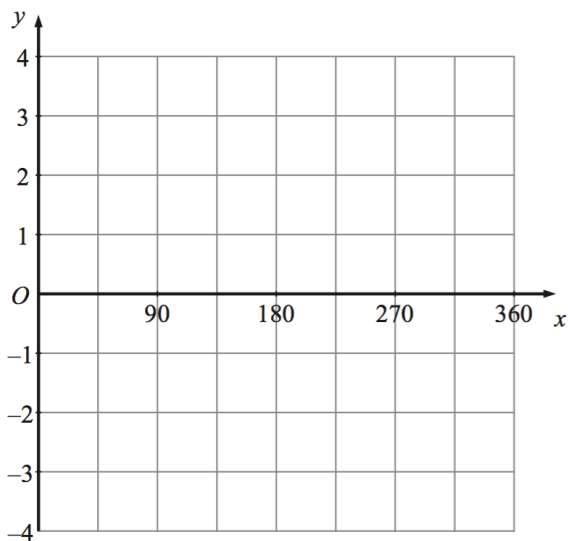
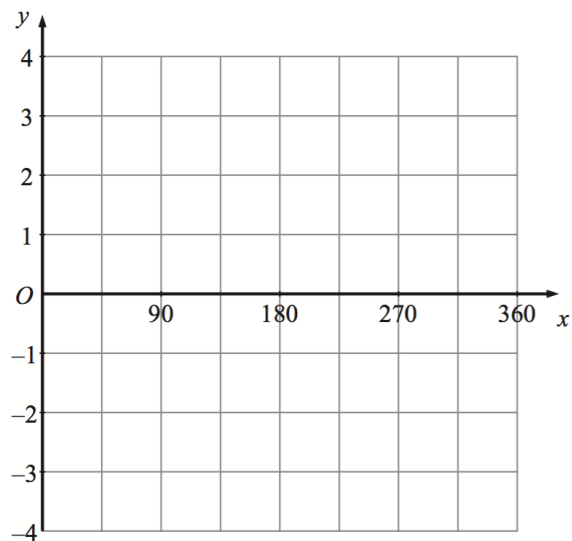
8th April



Corbettmaths

Solve

$$\frac{3}{x+1} = \frac{5-2x}{x-1}$$

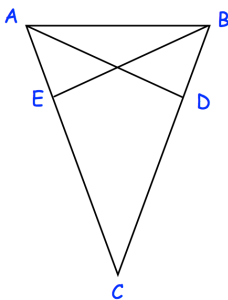
Sketch  $y = \sin x$ Sketch  $y = \cos x$ 

Evaluate

$$81^{-\frac{3}{4}}$$

Simplify

$$(16x^8)^{\frac{3}{4}}$$



ABC is an isosceles triangle in which  $AC = BC$ .  
 D and E are points on BC and AC such that  $CE = CD$ .  
 Prove triangles ACD and BCE are congruent.