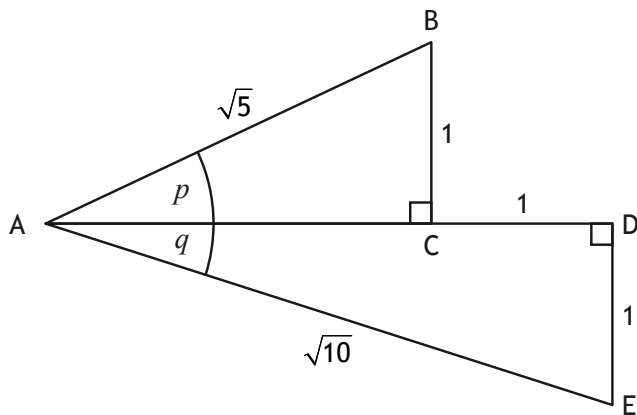


13. Triangles ABC and ADE are both right angled.
Angles p and q are as shown in the diagram.



(a) Determine the value of

(i) $\cos p$

1

(ii) $\cos q$.

1

(b) Hence determine the value of $\sin(p+q)$.

3