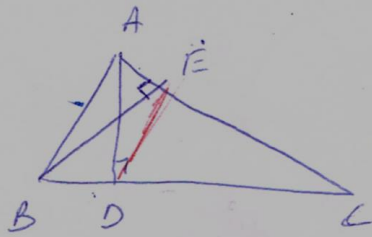


179
5



$\angle B = \angle DEC$ (alt angles)
 $\angle A = \angle DEC$ (alt angles)
 $\angle A = \angle B$
 $\triangle ABC$ is isosceles

$\angle B = \angle DEC$ ←
 (alt angles) $\angle A = \angle DEC$

$\angle B + \angle AED = 180^\circ$ — ?
 $\angle DEC + \angle AED = 180^\circ$

$\angle A = \angle B$

$\triangle ABC$