

Angles - what's the mistake?!

Find angle y.

$360^\circ - 77^\circ = 283^\circ$

Find angle b.

$360^\circ - 30^\circ - 30^\circ = 300^\circ$

Measure angle ABC.

120°

Find angle x.

$180^\circ - 75^\circ - 50^\circ = 65^\circ$

Find angle A.

A is 70° because the triangle is isosceles, so 2 equal angles.

Find the interior angle of a regular pentagon.

$360^\circ \div 5 = 72^\circ$

Find angle x.

y is 58° because of corresponding angles.

Find angle x.

x is 105° because of co-interior angles.

Find angle DCE.

$6x = 180^\circ$
 $x = 30^\circ$
 So, DCE is 60° .

Find angle b.

$110^\circ + 50^\circ = 160^\circ$
 $180^\circ - 160^\circ = 20^\circ$

Find the interior angle of a regular pentagon.

Equilateral triangle, therefore 50° .

Find angle x.

$180^\circ - 75^\circ - 50^\circ = 65^\circ$