

Section 1.6 Rays and Angles

Obj: Identify angles and parts of angles

Use angle addition postulate to find angle measurements

Ray



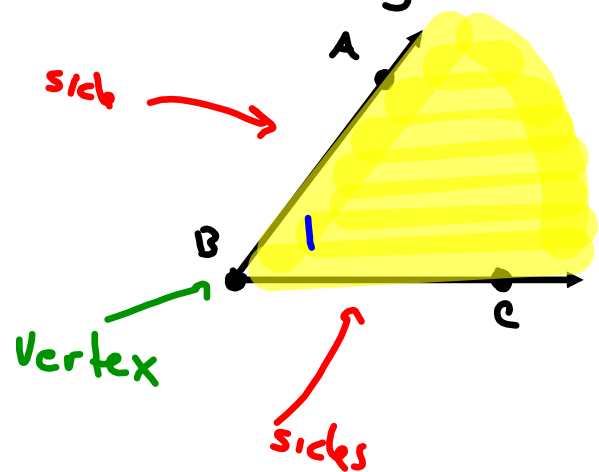
opposite rays

Straight angle = 180°

$\angle BAC$

Angle

Two rays sharing a common endpoint



Names

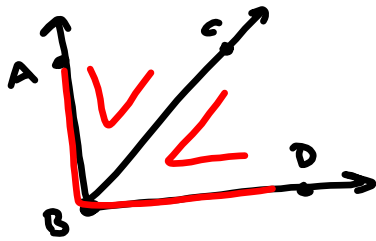
$\angle ABC$

$\angle CBA$

$\angle 1$

$\angle B$

*Vertex in middle

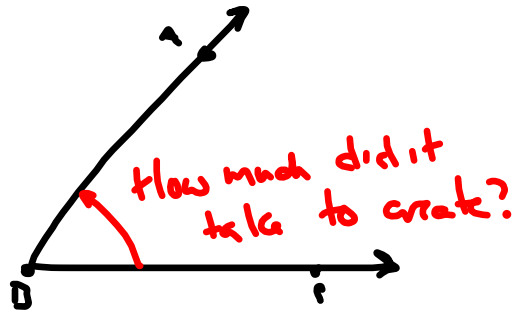
 $\angle B$

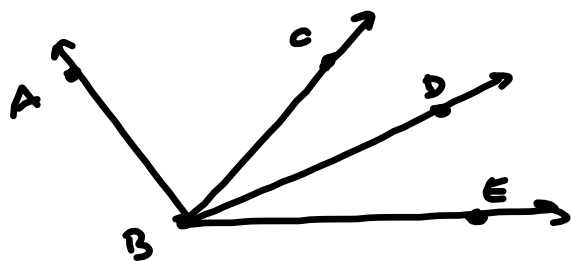
Which is it?

Angle measurements

Measured in degrees

angle measurements $\rightarrow 0 < x^\circ \leq 180^\circ$





$$m\angle ABE = 145^\circ$$

$$m\angle ABC = 80^\circ$$

$$m\angle CBD = 30^\circ$$

$$m\angle DBE = 35^\circ$$

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21-38 all
44 a, b
45, 46