

Classifying Angles

7th Grade Worksheet



| Revolution | Straight Angle | Right Angle |
|---|--|---|
| <p>One complete turn. One revolution = 360°.</p> | <p>$\frac{1}{2}$ turn 1 straight angle = 180°.</p> | <p>$\frac{1}{4}$ turn 1 right angle = 90°.</p> |
| Acute Angle | Obtuse Angle | Reflex Angle |
| <p>Less than a $\frac{1}{4}$ turn. An acute angle has size between 0° and 90°.</p> | <p>Between $\frac{1}{4}$ turn and $\frac{1}{2}$ turn. An obtuse angle has size between 90° and 180°.</p> | <p>Between $\frac{1}{2}$ turn and 1 turn. A reflex angle has size between 180° and 360°.</p> |

Exercise

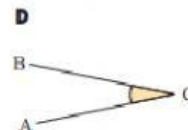
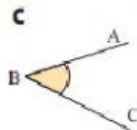
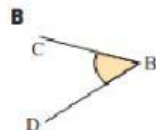
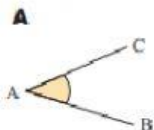
1. Match the names to the correct angles:

a \widehat{ABC}

b \widehat{CAB}

c \widehat{BCA}

d \widehat{CBD}



2. Find the size of these angles without your protractor:

a \widehat{ABC}

b \widehat{DBC}

c \widehat{ABD}

d \widehat{ABE}

