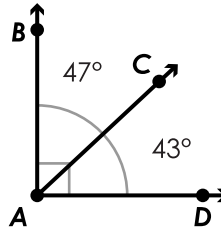Name: _____

Complementary, Supplementary, Vertical Angles

Complementary angles
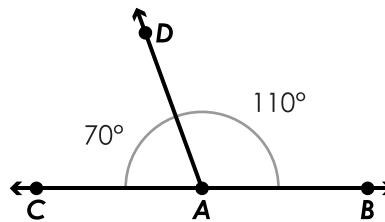
Are pairs of angles that add up to 90°.

∠ **BAC** and ∠**CAD** are complementary angles.

Supplementary angles

Are pairs of angles that add up to 180°.

∠ **CAD** and ∠ **DAB** are supplementary angles.

Vertical angles

Are angles on opposite sides

∠ **ABC** and ∠ **DBE** are

∠ **XWY** = _____°

∠ **XWY** and ∠**YWZ** are

_____ angles.

∠ **QPR** = _____°

∠ **QPR** and ∠ **RPS** are

_____ angles.

∠ **HGJ** = _____°

∠ **HGJ** and ∠ **IGK** are

_____ angles.

∠ **QTR** = _____°
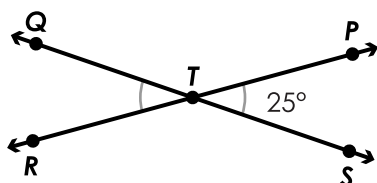
∠ **PTS** and ∠**QTR** are

_____ angles.

∠ **ADB** = _____°
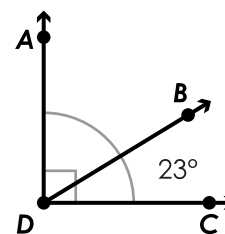
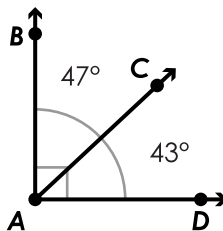∠ **BDC** and ∠ **ADB** are

_____ angles.

Complementary, Supplementary, Vertical Angles

Complementary angles

Are pairs of angles that add up to 90°.

47°

C

43°

A   D

∠**BAC** and ∠**CAD** are complementary angles.

Supplementary angles

∠ **X**

∠ **X**

co

Preview

Please log in to download the printable version of this worksheet.

I

es.

Q   P

T   25°

R   S

A

B

23°

D   C
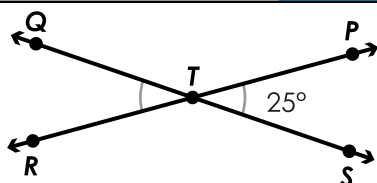
∠ **QTR** = **25** °

∠ **PTS** and ∠ **QTR** are

vertical angles.
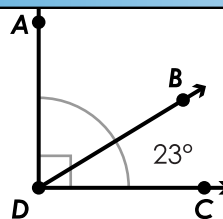
∠ **ADB** = **67** °

∠ **BDC** and ∠ **ADB** are

complementary angles.