naming angles

Angles are usually named with



$$∠ACB$$

$$∠ACD$$

|  |  |  |  |
| --- | --- | --- | --- |
|  | $$∠AMB$$$$∠BMC$$$$∠ACB$$ |  | $$∠PBY$$$$∠PAX$$$$∠APB$$ |
| $$∠EBC$$$$∠ABC$$ |  | $$∠DBA$$$$∠DBC$$ |

**Angle Addition Postulate**

Part + Part = Whole

1. Find the m∠ZBC if m∠ABC = 115 and m∠ABZ = 45.



1. Find the measure of ∠ADB and ∠BDC if m∠ADC = 86



1. The *m*∠*DRE* = 2x + 10, *m*∠*ERF* = 3x - 8, and *m*∠*DRF* = 134. What are *m*∠*DRE* and*m*∠*ERF?*