**Geometry Notation/Vocab**

|  |  |
| --- | --- |
| $$\overbar{BC}$$ | Segment BC |
| **∠** ABC or m **∠** ABC | Angle ABC |
| ∆ ABC | Triangle ABC |
| || | Is parallel to |
| **⊥** | Is perpendicular to |
| **≅** | Is congruent to |
| ~ | Is similar to |



Mark off each side length with the given number.

1.) $\overbar{AB}$

2.) $\overbar{AC}$

3.) $\overbar{BC}$

Mark off each angle with the given number.

1.) **** BAC

2.) **** ABC

3.) **** ACB



Mark off each side length with the given number.

1.) $\overbar{AB}$

2.) $\overbar{DC}$

3.) $\overbar{CA}$

4.) $\overbar{AD}$

5.) $\overbar{BD}$

Mark off each angle with the given number.

1.) **** BAD

2.) **** ACD

3.) **** BDA

4.) **** DAC

5.) **** ABD

6.) **** ADC

­­­



Mark off each side length with the given number.

1.) $\overbar{AM}$

2.) $\overbar{AB}$

3.) $\overbar{BC}$

4.) $\overbar{BN}$

5.) $\overbar{BM}$

6.) $\overbar{MN}$

7.) $\overbar{CN}$

Mark off each angle with the given number.

1.) **∠** BMN

2.) **∠** BMA

3.) **∠** BMA

4.) **∠** BCN

5.) **∠** BAM

6.) **∠** CBN

7.) **∠** BNM

8.) **∠** BNC

9.) **∠** ABM



Mark off each angle and side with the given number.

1.) **∠** BCA

2.) $\overbar{AC}$

3.) $\overbar{BE}$

4.) **∠** DBE

Mark off each angle and side with the given number.

1.) **∠** ADP


2.) $\overbar{AP}$

3.) $\overbar{BC}$

4.) **∠** DPC

5.) **∠** CBP

6.) $\overbar{DP}$

7.) **∠** BPA

8.) $\overbar{AD}$

$\overbar{AB}$ **⊥**  $\overbar{CD}$

**Line AB is perpendicular to line CD**

∆ EFG ~ ∆ HIJ

**Triangle EFG is similar to triangle HIJ**

$\overbar{KL}$ **⊥** $\overbar{MN}$

**Line KL is perpendicular to line MN**

**∠** O **≅ ∠** P

**Angle O is congruent to angle P**

$\overbar{QR}$ || $\overbar{ST}$

**Line QR is perpendicular to line ST**

**∠** U = **∠** V

**Angle U is equal to angle V**