



## Topics for the Chapter 3 Quiz

Today, we reviewed what would be on the quiz...

### Definitions

- Congruent Triangles (and CPCTC)
- Congruent Polygons
- Circle
- Center of a circle
- Radius of a circle
- Median of a triangle
- Altitude of a triangle

### Postulates

- Any segment or angle is congruent to itself (Reflexive Property)
- If the 3 sides of one triangle are congruent to the 3 sides of another triangle, then the triangles are congruent (SSS).
- If two sides and their included angle of one triangle are congruent to the corresponding sides and angle in another triangle, then the triangles are congruent (SAS).
- If two angles and their included side of one triangle are congruent to the corresponding angles and side in another triangle, then the triangles are congruent (ASA).
- Two points determine a line, ray or segment (Auxiliary Lines).

### Theorems

19. All radii of a circle are congruent

### Constructions

- Median of a triangle
- Altitude of a triangle (both obtuse and acute)