**Self-assessment**: Triangle centers (homework)

For each problem, state the center, concurrent line segments, and relevant property (if applicable)

**Centers:** centroid, circumcenter, incenter, orthocenter

**Concurrent lines:** medians, perpendicular bisectors, angle bisectors, altitudes

**Properties:** 2:1 median partition, center of circumscribed circle, center of inscribed circle, may be exterior to triangle, etc.

**1.**

**

**Center:**

**Concurrency of:**

**Property:**

**2.**

**Center:**

**Concurrency of:**

**Property:**

****

**3.**



**Center:**

**Concurrency of:**

**Property:**

**4.**

****

**Center:**

**Concurrency of:**

**Property:**

**5.**



**Center:**

**Concurrency of:**

**Property:**

**6.**

**Center:**

**Concurrency of:**

**Property:**



**7.**



**Center:**

**Concurrency of:**

**Property:**

**8.**



**Center:**

**Concurrency of:**

**Property:**

**9.**

****

**Center:**

**Concurrency of:**

**Property:**

**12.**

**13.**

****

**14.**



