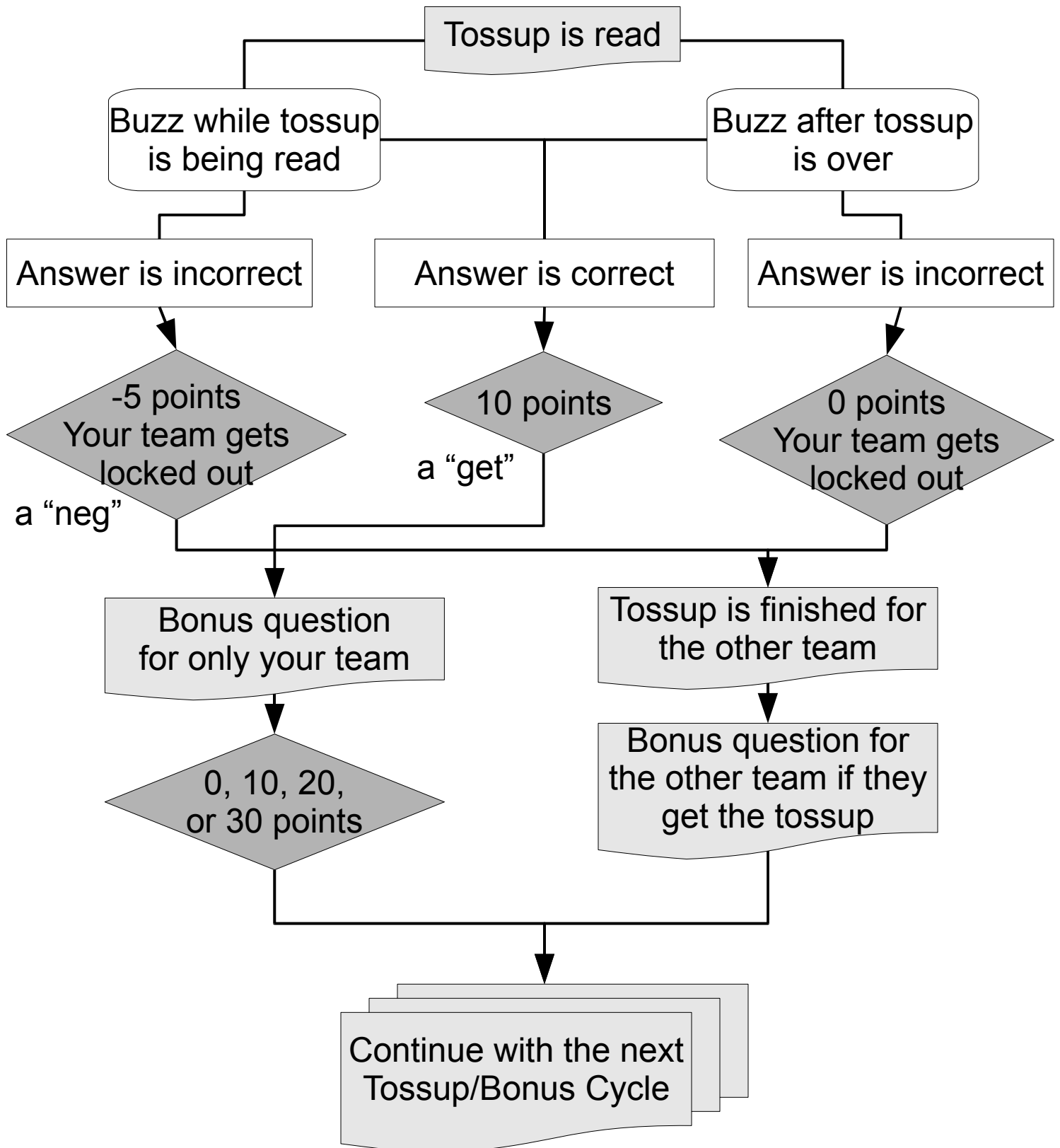
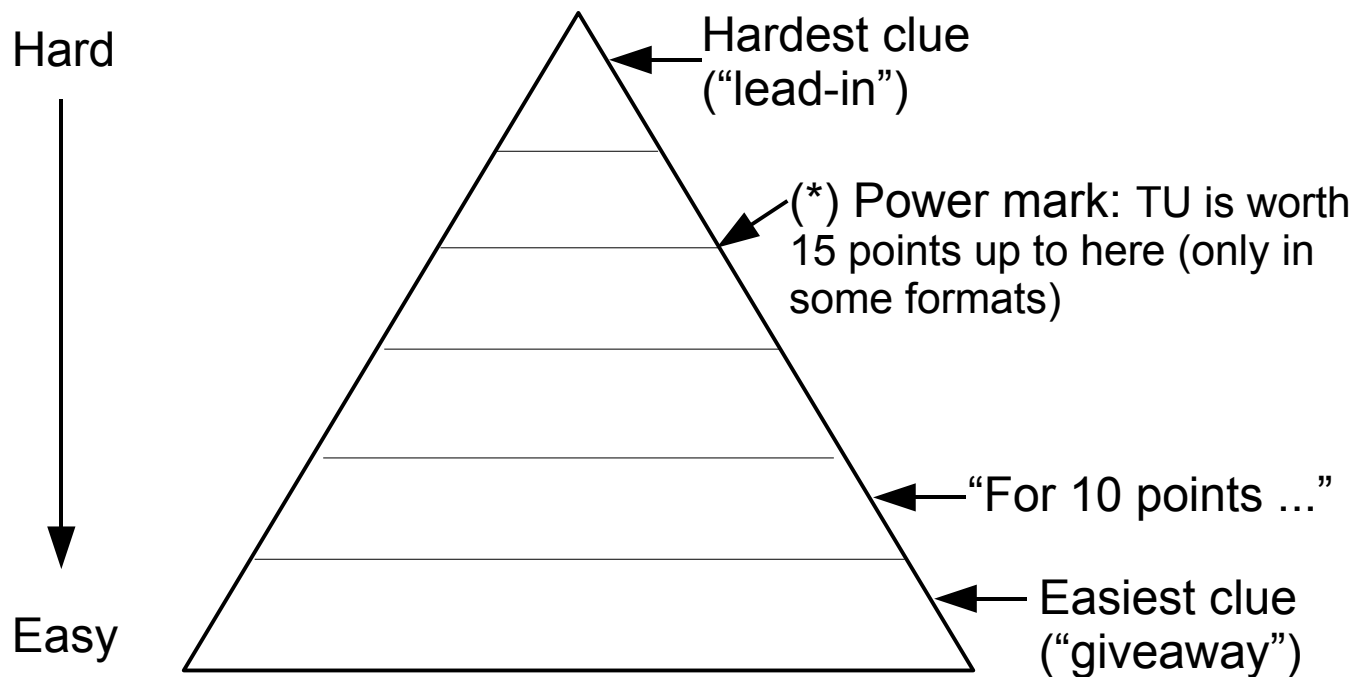


**Quiz Bowl Packet**  
20 Tossup/Bonus Cycles



**Tossups:** several sentences long, look for pronouns to tell you what it's asking for, “pyramidal”



**Bonuses:** a 3-part question bound by a common theme/subject, usually with easy, middle, and hard parts

## Examples:

### Tossup

The Erdős [EHR-dish]-Mordell inequality applies to these entities, and in one of these, the Nagel point is the isotomic conjugate of the Gergonne point. Kimberling also cataloged the Spieker center and the Feuerbach point for one of these. The de Longchamps point for one lies on the Euler line, (\*) along with the nine point center, orthocenter, and circumcenter. Their area can be calculated using Heron's formula, and in non-Euclidean geometries, the sum of their angles differs from the usual 180 degrees. In ones with a right angle, the side-lengths can be calculated with the Pythagorean theorem. For 10 points, name these three-sided polygons.

ANSWER: triangles

### Bonus

John Toland argued that "There is nothing that Men make a greater noise about . . . than what they generally profess least of all to understand" in a work entitled "[This] not Mysterious." For 10 points each:

[10] Name this belief system that centers on a certain boy born in Bethlehem.

ANSWER: Christianity

[10] This Young Hegelian, who wrote *Thoughts about Death and Immortality*, argued that God is only an outward projection of Man in "The Essence of Christianity."

ANSWER: Ludwig Andreas von Feuerbach

[10] This British philosopher wrote *The Reasonableness of Christianity*, in addition to *Two Treatises on Government*, which states that citizens have the right to rebel in certain situations.

ANSWER: John Locke

(Examples from Prison Bowl 2009)