

Term	Meaning	Mathematical example
प्रत्यक्ष	sense perception, empirically manifest	<a href="#">Ganita 13</a> , verticality from plumb line, horizontality from water level  Indian <a href="#">proof of “Pythagorean theorem”</a> (Yuktibhasa)
अनुमान	inference	<a href="#">Gola 6</a> ,  Earth is a sphere <i>inferred by reasoning</i> from fact that tall trees cannot be seen ( <a href="#">Lalla, 20-36</a> ), ships disappear over the horizon, horizon is circular.
उपमान	analogy	<a href="#">Gola 7</a> ,  earth is round <i>LIKE</i> a kadamba flower
शब्द	word, [reliable] testimony	<a href="#">Manava 10.10</a> ,  "तद विदो विदुः" “so say the learned”