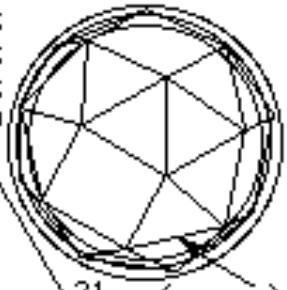
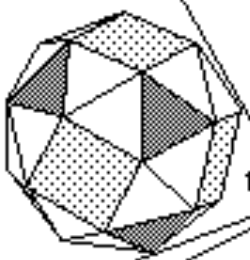
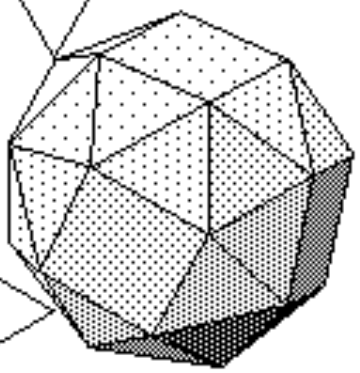
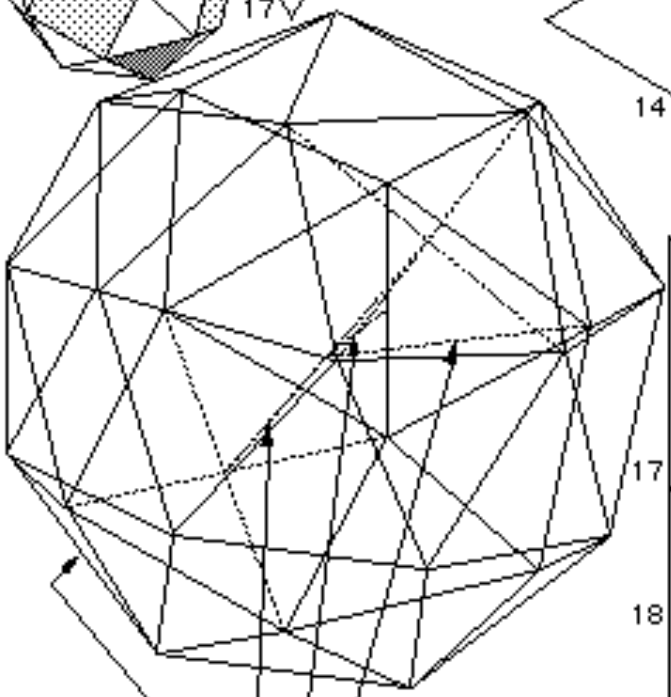
The snub cube has the following relative dimensions (this allows scaling to any size):
circumsphere radius = r/h
≈ 1.0773640261
intersphere radius = 1
insphere radius = R/h
≈ .9281913780
side length = 1/h
≈ .8017811292

R = (1/2)√((x^2-8x+4)/(x^2-5x+4));
x = (19+3√33)^(1/3);
r = (R^2-(1/4))/R;
h = √(R^2-(1/4))









Snub Cube Fold-Up Pattern

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