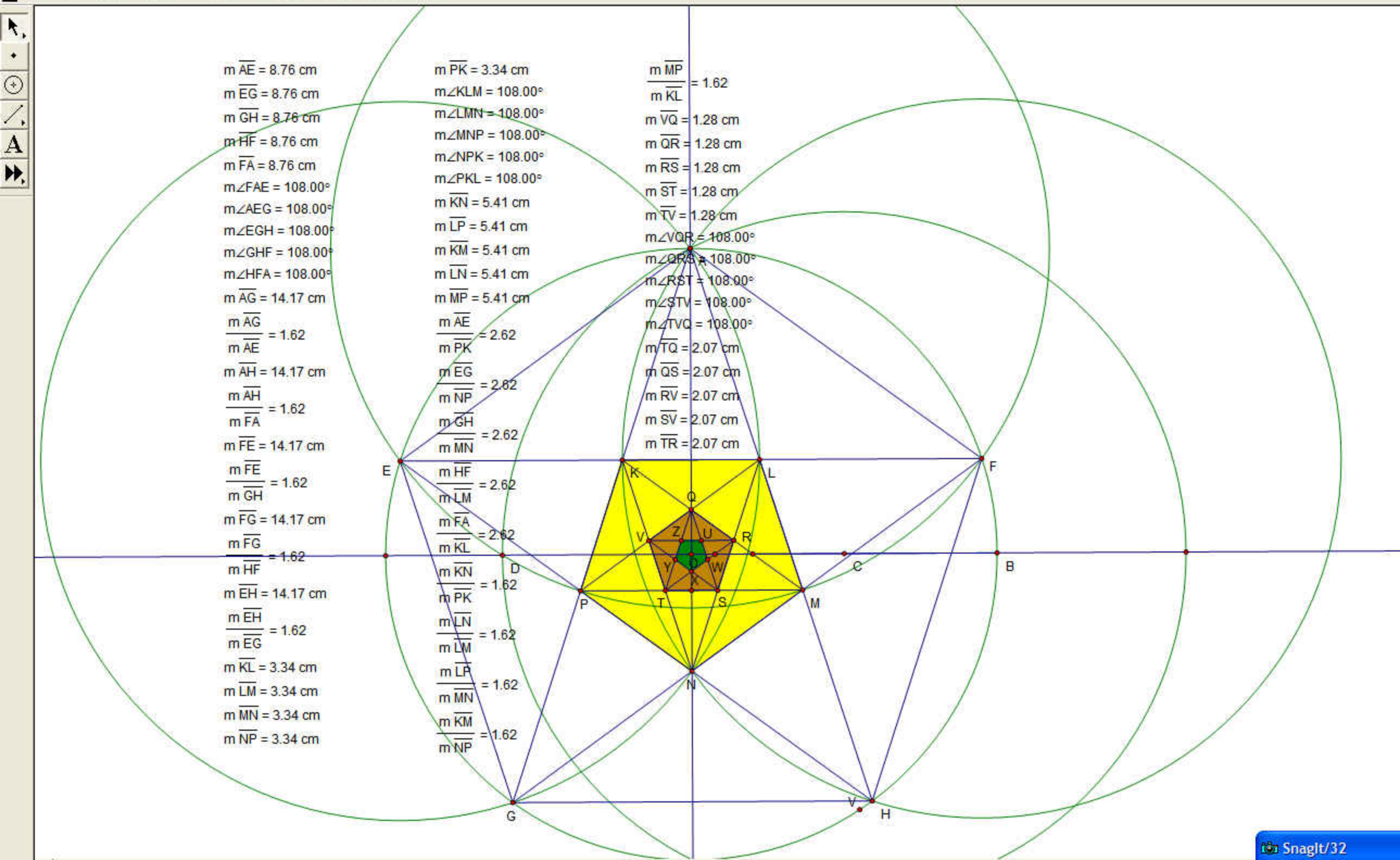
The Geometer's Sketchpad - [NestedRegularPentagons.gsp]
File Edit Display Construct Transform Measure Graph Window Help
m AE = 8.76 cm
m EG = 8.76 cm
m GH = 8.76 cm
m HF = 8.76 cm
m FA = 8.76 cm
m∠FAE = 108.00°
m∠AEG = 108.00°
m∠EGH = 108.00°
m∠GHF = 108.00°
m∠HFA = 108.00°
m AG = 14.17 cm
m AG / m AE = 1.62
m AH = 14.17 cm
m AH / m FA = 1.62
m FE = 14.17 cm
m FE / m GH = 1.62
m FG = 14.17 cm
m FG / m HF = 1.62
m EH = 14.17 cm
m EH / m EG = 1.62
m KL = 3.34 cm
m LM = 3.34 cm
m MN = 3.34 cm
m NP = 3.34 cm
m PK = 3.34 cm
m∠KLM = 108.00°
m∠LMN = 108.00°
m∠MNP = 108.00°
m∠NPK = 108.00°
m∠PKL = 108.00°
m KN = 5.41 cm
m LP = 5.41 cm
m KM = 5.41 cm
m LN = 5.41 cm
m MP = 5.41 cm
m AE / m PK = 2.62
m EG / m NP = 2.62
m GH / m MN = 2.62
m HF / m LM = 2.62
m FA / m KL = 2.62
m KN / m PK = 1.62
m LN / m LM = 1.62
m LP / m MN = 1.62
m KM / m NP = 1.62
m MP / m KL = 1.62
m VQ = 1.28 cm
m QR = 1.28 cm
m RS = 1.28 cm
m ST = 1.28 cm
m TV = 1.28 cm
m∠VQR = 108.00°
m∠QRS = 108.00°
m∠RST = 108.00°
m∠STV = 108.00°
m∠TVQ = 108.00°
m TQ = 2.07 cm
m QS = 2.07 cm
m RV = 2.07 cm
m SV = 2.07 cm
m TR = 2.07 cm
E
K
L
F
Q
V
Z
U
R
D
C
B
Y
O
W
X
P
T
S
M
N
G
V
H
SnagIt/32