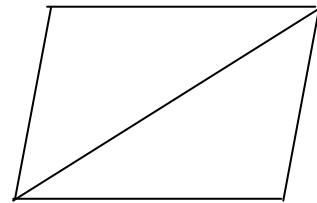
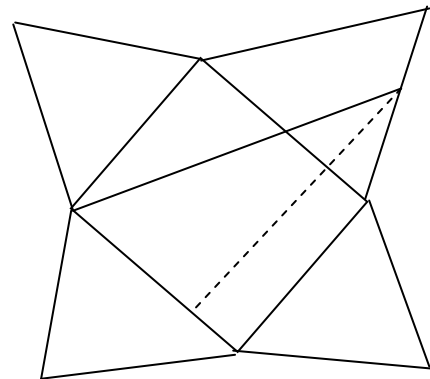
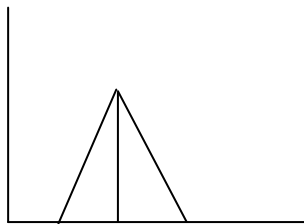
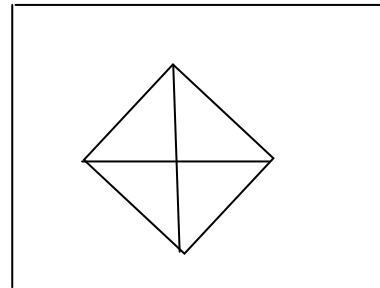
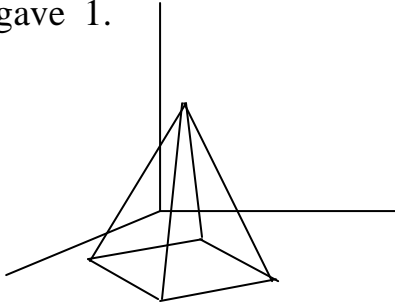


Diagnostische toets B1(deel 3) Hoofdstuk M2
ANTWOORDEN

Opgave 1.



$$AP = \sqrt{(1\frac{1}{2}\sqrt{2} + 2\sqrt{2})^2 + (\frac{3}{4} \cdot 2\sqrt{2})^2} =$$

Opgave 2

$$\frac{6}{\sin 35^\circ} = \frac{8}{\sin \angle BCA} \Rightarrow \angle BCA = 49,39^\circ$$

Dus $\angle ABC = 95,11^\circ$ en dus $\sin 84,89^\circ = \frac{h}{6}$ en dus $h = 5,98$

Dus oppervlakte = $8 \cdot h = 47,81$

$\angle ACB = \angle BCA$ zie boven

Opgave 3

Oppervlakte grondvlak = $\pi \cdot 3^2 = 9\pi = 28,27$

Kegelmantel heeft oppervlakte $\frac{6\pi}{2\pi \cdot \sqrt{153}} \cdot (\sqrt{153})^2 \cdot \pi = 125,04$

Opgave 4

$$BS = \frac{10}{14} \sqrt{136} = 8,33$$

