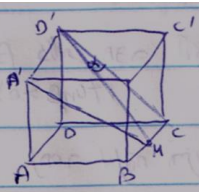
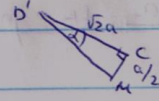


3.56
5



$\alpha = \angle C'D'M$ (M) נקודה מ' היא זווית (1)



$$\tan \alpha = \frac{0.5a}{\sqrt{2}a} = \frac{1}{2\sqrt{2}}$$

$$D'D = \sqrt{2a^2 + \frac{a^2}{4}} = 1.5a$$

$$\sin \alpha = \frac{0.5a}{1.5a} = \frac{1}{3}$$

$$a^2 = (1.5a)^2 + (1.5a)^2 - 2(1.5a)^2 \cos \alpha$$

$$\cos \alpha = \frac{3 \cdot 5a^2}{4 \cdot 5a^2} = \frac{3}{4}$$

