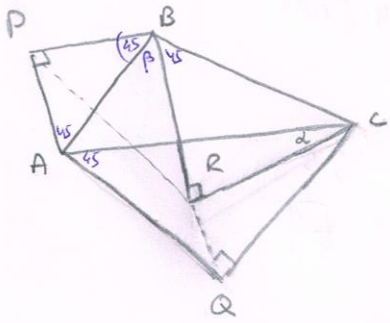
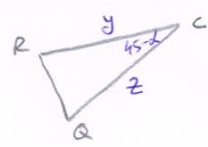
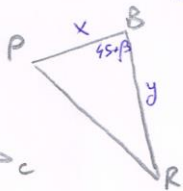
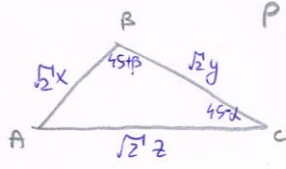


1.51
3



$PB = PA = x$
 $AB = \sqrt{2}x$
 $BR = RC = y$
 $BC = \sqrt{2}y$
 $AQ = QC = z$
 $AC = \sqrt{2}z$

אנחנו מנסים להוכיח ש $\triangle PBR \cong \triangle RQC$



$(3 \cdot 5 \cdot 3) \triangle ABC \sim \triangle PBR$
 $(3 \cdot 5 \cdot 3) \triangle ABC \sim \triangle RQC$

$RQ = x, PR = z$ ← מילרס בלי נגד
 .e $(3 \cdot 3 \cdot 3) \triangle PBR \cong \triangle RQC$

2 זוויות שוות $\triangle PRA$
 והצד השלישי שווה
 אז $\triangle PRA \cong \triangle RQC$

$\leftarrow PA = x = PR$
 $PR = z = AQ$

∴