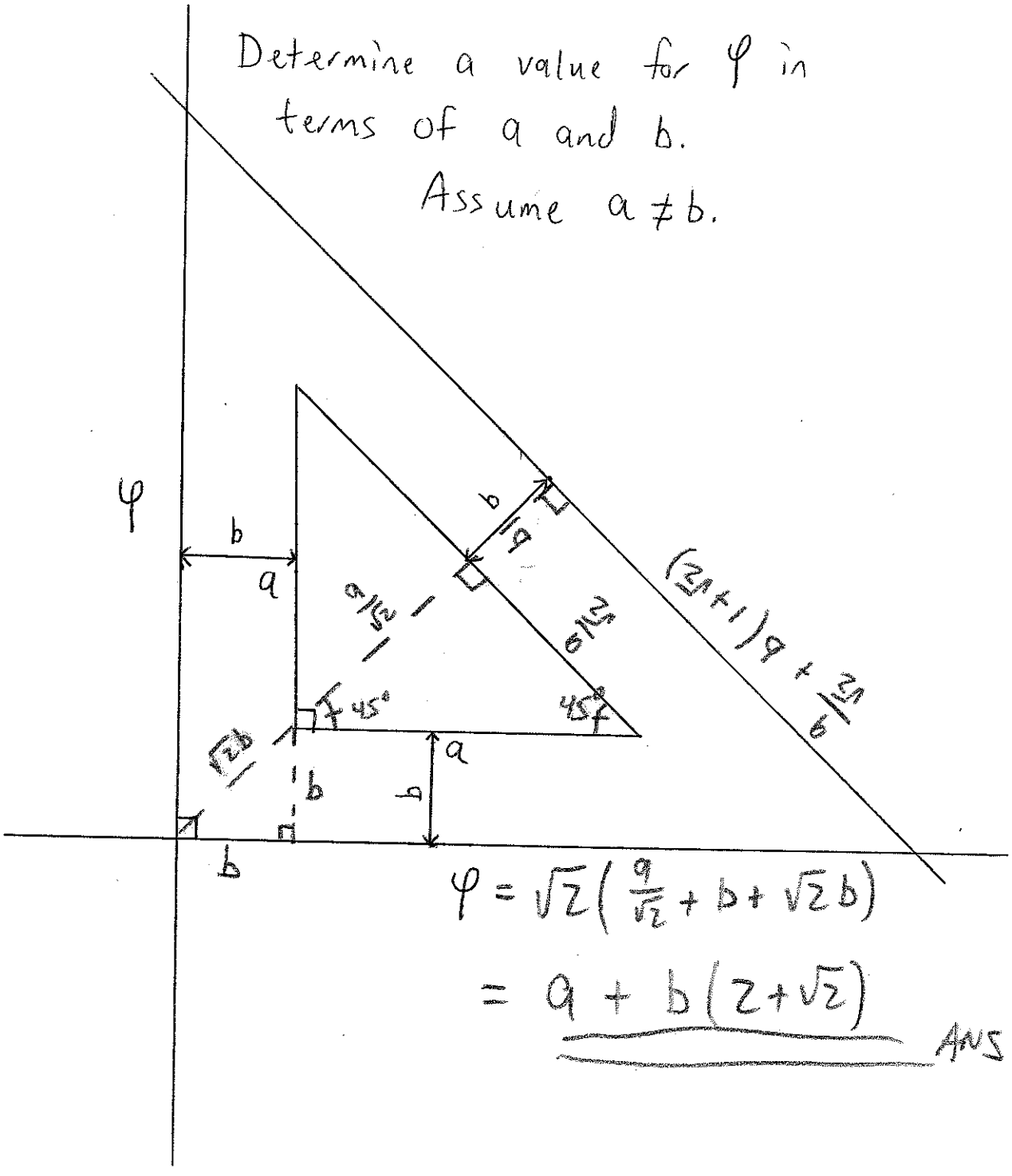
Determine a value for φ in terms of a and b.

Assume $a \neq b$.



$$\varphi = \sqrt{2}\left(\frac{a}{\sqrt{2}} + b + \sqrt{2}\,b\right)$$

$$= \underline{\underline{a + b(2+\sqrt{2})}} \quad \text{ANS}$$

Problem for Week #10

SOLUTION