

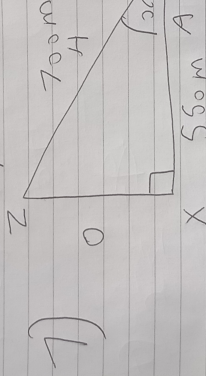
[8]

6) i) $10p^3q^2 - 5p^2q + 15p^4q$

$5p^2q(2pq - 1 + 3p^3)$

ii) $2x^2y - 4xy^2$

$2xy(x - 2y)$



Sohkah 600

i) $\frac{400-550}{\sqrt{700^2 - 550^2}}$

$= 43 \text{ metres}$

ii) $\cos \alpha = \frac{550}{700}$

$\alpha = \cos^{-1}\left(\frac{11}{14}\right)$

$38.21^\circ \text{ degrees}$