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iii) length YZ using Pythagoras Theorem

$$\cancel{(4)^2} = \cancel{4^2} + \cancel{(YZ)^2}$$
$$16 = 49 + (YZ)^2$$

$$YZ = \sqrt{xz^2 + xy^2}$$

$$YZ = \sqrt{4^2 + 7^2}$$

$$YZ = 8.06 \text{ m}$$

8) Express the following as x to a power

i) $3\sqrt{x}$

ii) 1