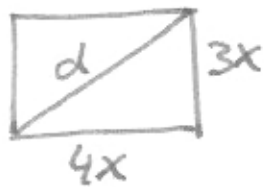


# MUSTER für die KORREKTUR

Woche 2 4E

661



$$(3x)^2 + (4x)^2 = d^2$$

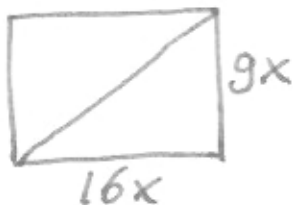
$$9x^2 + 16x^2 = d^2$$

$$25x^2 = d^2$$

$$x^2 = \frac{d^2}{25} = \frac{d}{5} \cdot \frac{d}{5}$$

Daher:  $x = \sqrt{\frac{d^2}{25}} = \frac{d}{5} \Rightarrow 4x = \dots, 3x = \dots$

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$$(9x)^2 + (16x)^2 = d^2$$

$$81x^2 + 256x^2 = d^2$$

$$337x^2 = d^2$$

Daher:  $x = \sqrt{\frac{d^2}{337}} = \frac{d}{\sqrt{337}}$

$$16 \cdot x = \dots$$

$$9x = \dots$$