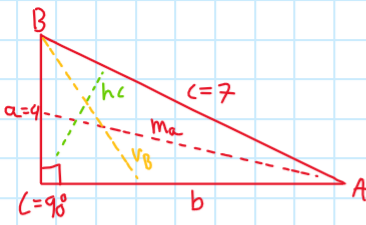


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| | Navn: | | Skole: | |
| | Klasse: 20 | | Dato: 6. marts 2021 | Fag: Matematik A |

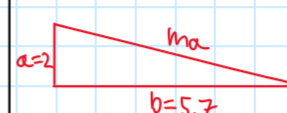
Opgave 099



$b = \sqrt{c^2 - a^2}$
 $= \sqrt{7^2 - 4^2}$
 $= \sqrt{49 - 16}$
 $= \sqrt{33}$
 $= 5.7$

indsæt i
 Reducer
 Udreg
 kvadr


a) Udreg m_a



$m_a = \sqrt{a^2 + b^2}$
 $= \sqrt{2^2 + 5.7^2}$
 $= \sqrt{4 + 32.49}$
 $= \sqrt{36.49}$
 $= 6$

indsæt i
 Udreg
 Plus
 kvadr

b) Find v_b $B = \cos^{-1}(\frac{4}{7}) : 2$
 $= 27.5$



$v_b = \frac{a}{\cos(B)}$
 $= \frac{4}{\cos(27.5)}$
 $= \frac{4}{0.887}$
 $= 4.51$