Worksheet

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Problem quickname: 4289

<u>1)</u>

Draw a triangle with the specified dimensions and calculate its area. Do this by drawing a height of your choice and measuring the length of this height and the corresponding side..

a) $a = 6$ cm, $b = 4$ cm, $c = 7$ cm   b) $b = 6$ cm, $\alpha = 68$ degrees, $c = 4$ cm

<u>2)</u>

Draw a triangle with the specified dimensions and calculate its area. Do this by drawing a height of your choice and measuring the length of this height and the corresponding side..

a) $\beta = 36$ degrees, $a = 6.8$ cm, $\gamma = 61$ degrees
b) $\beta = 61$ degrees, $a = 7.8$ cm, $\gamma = 61$ degrees

<u>3)</u>

Draw a triangle with the specified dimensions and calculate its area. Do this by drawing a height of your choice and measuring the length of this height and the corresponding side..

a) $\alpha = 107$ degrees, $c = 9$ cm, $\beta = 25$ degrees
b) $b = 3$ cm, $\alpha = 59$ degrees, $c = 9$ cm

<u>4)</u>

Draw a triangle with the specified dimensions and calculate its area. Do this by drawing a height of your choice and measuring the length of this height and the corresponding side..

a) $\beta = 68$ degrees, $a = 3.8$ cm, $\gamma = 68$ degrees
b) $\gamma = 74$ degrees, $b = 5$ cm, $\alpha = 53$ degrees

Good Luck!