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) $a = 10.1$ cm, $b = 6$ cm, $c = 7$ cm
b) $\beta = 104$ degrees, $a = 6.7$ cm, $\gamma = 21$ degrees

<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) $b = 6$ cm, $\alpha = 83$ degrees, $c = 9$ cm
b) $\beta = 54$ degrees, $a = 6$ cm, $\gamma = 72$ 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) $b = 8$ cm, $\alpha = 62$ degrees, $c = 6$ cm
b) $\beta = 40$ degrees, $a = 11.1$ cm, $\gamma = 24$ degrees

<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) $a = 6.1$ cm, $b = 4$ cm, $c = 4$ cm   b) $a = 5.4$ cm, $b = 4$ cm, $c = 3$ cm

Good Luck!