

# Worksheet

09/16/2018

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Problem quickname: 4289

1)

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)  $c = 8$  cm,  $\beta = 34$  degrees,  $a = 8.9$  cm
- b)  $\beta = 30$  degrees,  $a = 7.3$  cm,  $\gamma = 84$  degrees

2)

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)  $a = 8.2$  cm,  $b = 7$  cm,  $c = 3$  cm
- b)  $a = 7.2$  cm,  $b = 9$  cm,  $c = 5$  cm

3)

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)  $b = 4$  cm,  $\alpha = 94$  degrees,  $c = 6$  cm
- b)  $a = 12.9$  cm,  $\gamma = 33$  degrees,  $b = 7$  cm

4)

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)  $a = 3.9$  cm,  $\gamma = 45$  degrees,  $b = 4$  cm
- b)  $\alpha = 94$  degrees,  $c = 4$  cm,  $\beta = 49$  degrees

Good Luck!