

Worksheet

05/19/2020

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Problem quickname: 6922

1)

Calculate the area A of a triangle from the given length of a side and the corresponding height.

- a) $a = 27.8$ cm, $h_a = 7.9$ cm b) $a = 20.7$ cm, $h_a = 11.4$ cm
c) $b = 32$ cm, $h_b = 11$ cm d) $b = 41$ cm, $h_b = 26$ cm
e) $b = 33$ cm, $h_b = 20.9$ cm f) $b = 28$ cm, $h_b = 19.6$ cm
g) $b = 41$ cm, $h_b = 36.1$ cm h) $b = 22$ cm, $h_b = 22.3$ cm
i) $c = 35$ cm, $h_c = 42.6$ cm j) $c = 35$ cm, $h_c = 20.8$ cm

2)

Calculate the area A of a triangle from the given length of a side and the corresponding height.

- a) $a = 62.7$ cm, $h_a = 17.9$ cm b) $a = 71.8$ cm, $h_a = 22.3$ cm
c) $b = 32$ cm, $h_b = 14$ cm d) $b = 49$ cm, $h_b = 13.8$ cm
e) $c = 27$ cm, $h_c = 10.5$ cm f) $b = 10$ cm, $h_b = 40.7$ cm
g) $a = 41.8$ cm, $h_a = 13.2$ cm h) $a = 24.3$ cm, $h_a = 27$ cm
i) $c = 18$ cm, $h_c = 21.4$ cm j) $c = 37$ cm, $h_c = 14.3$ cm

3)

Calculate the area A of a triangle from the given length of a side and the corresponding height.

- a) $b = 44$ cm, $h_b = 11.7$ cm b) $b = 25$ cm, $h_b = 47.1$ cm
c) $a = 31$ cm, $h_a = 32.4$ cm d) $b = 42$ cm, $h_b = 12$ cm
e) $b = 37$ cm, $h_b = 48$ cm f) $c = 5$ cm, $h_c = 5.2$ cm
g) $b = 10$ cm, $h_b = 17.2$ cm h) $c = 35$ cm, $h_c = 30$ cm
i) $a = 68$ cm, $h_a = 27.9$ cm j) $a = 13.7$ cm, $h_a = 7.8$ cm

4)

Calculate the area A of a triangle from the given length of a side and the corresponding height.

- a) $c = 19$ cm, $h_c = 26$ cm b) $a = 27.8$ cm, $h_a = 24.7$ cm
c) $c = 8$ cm, $h_c = 31.1$ cm d) $c = 16$ cm, $h_c = 10$ cm
e) $b = 32$ cm, $h_b = 6.9$ cm f) $b = 5$ cm, $h_b = 23.8$ cm
g) $b = 41$ cm, $h_b = 8$ cm h) $c = 10$ cm, $h_c = 27.3$ cm
i) $b = 7$ cm, $h_b = 33.3$ cm j) $c = 28$ cm, $h_c = 40.8$ cm

Good Luck!