

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) $a = 36.7$ cm, $h_a = 4.1$ cm b) $b = 4$ cm, $h_b = 2.7$ cm
c) $a = 55$ cm, $h_a = 20.8$ cm d) $b = 14$ cm, $h_b = 10.9$ cm
e) $b = 50$ cm, $h_b = 8.8$ cm f) $a = 46.8$ cm, $h_a = 22.7$ cm
g) $b = 31$ cm, $h_b = 40.1$ cm h) $a = 37.9$ cm, $h_a = 12.1$ cm
i) $b = 32$ cm, $h_b = 34.8$ cm j) $b = 33$ cm, $h_b = 30.8$ cm

2)

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

- a) $c = 32$ cm, $h_c = 25$ cm b) $a = 30.4$ cm, $h_a = 4$ cm
c) $b = 39$ cm, $h_b = 33.8$ cm d) $c = 6$ cm, $h_c = 19.8$ cm
e) $b = 34$ cm, $h_b = 39$ cm f) $a = 32.1$ cm, $h_a = 8.7$ cm
g) $c = 22$ cm, $h_c = 7.5$ cm h) $b = 28$ cm, $h_b = 24.3$ cm
i) $c = 41$ cm, $h_c = 26$ cm j) $b = 5$ cm, $h_b = 24.3$ cm

3)

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

- a) $b = 7$ cm, $h_b = 48$ cm b) $b = 34$ cm, $h_b = 26.5$ cm
c) $b = 40$ cm, $h_b = 21.2$ cm d) $a = 30.2$ cm, $h_a = 11.8$ cm
e) $b = 34$ cm, $h_b = 9.4$ cm f) $a = 31.5$ cm, $h_a = 5.9$ cm
g) $b = 21$ cm, $h_b = 7.9$ cm h) $c = 5$ cm, $h_c = 36$ cm
i) $b = 36$ cm, $h_b = 5$ cm j) $b = 14$ cm, $h_b = 16.9$ cm

4)

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

- a) $a = 32.9$ cm, $h_a = 15.4$ cm b) $b = 25$ cm, $h_b = 28.3$ cm
c) $b = 5$ cm, $h_b = 16.1$ cm d) $a = 28.4$ cm, $h_a = 15.4$ cm
e) $c = 3$ cm, $h_c = 3.5$ cm f) $b = 13$ cm, $h_b = 26.8$ cm
g) $b = 13$ cm, $h_b = 19.2$ cm h) $b = 28$ cm, $h_b = 47$ cm
i) $b = 28$ cm, $h_b = 11.7$ cm j) $c = 18$ cm, $h_c = 35.6$ cm

Good Luck!