

Worksheet

09/08/2018

Free on dw-math.com

Problem quickname: 2915

1)

Calculate the area T of this triangle. Do this by drawing one of the heights at your choice and measure its length along with the length of the corresponding side.

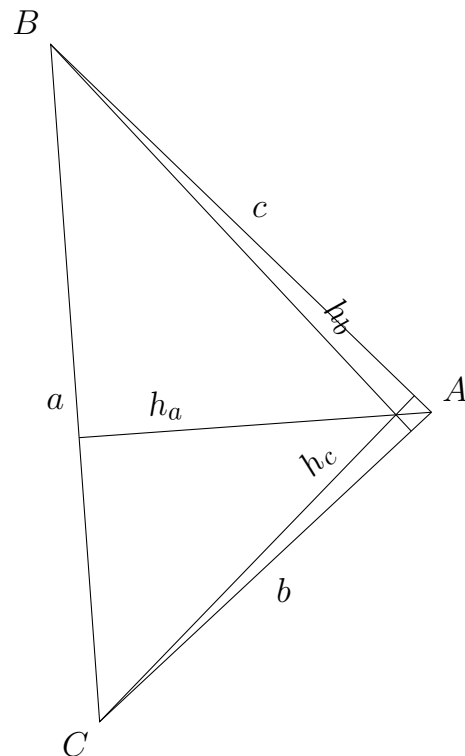
Quick:
2915

a) Area:

$$a \cdot h_a / 2 = 9 \cdot 4.7 / 2 = 21.2$$

$$b \cdot h_b / 2 = 6 \cdot 7 / 2 = 21$$

$$c \cdot h_c / 2 = 7 \cdot 6 / 2 = 21$$

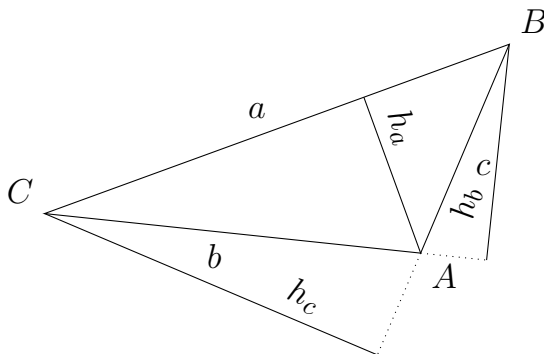


b) Area:

$$a \cdot h_a / 2 = 6.5 \cdot 2.2 / 2 = 7.2$$

$$b \cdot h_b / 2 = 5 \cdot 2.9 / 2 = 7.3$$

$$c \cdot h_c / 2 = 3 \cdot 4.8 / 2 = 7.2$$



2)

Quick:
2915

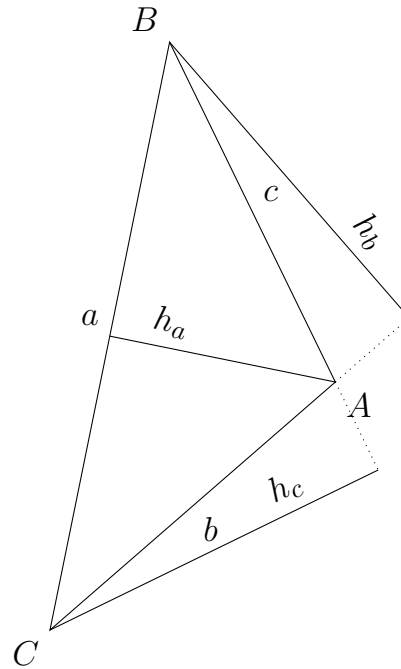
Calculate the area T of this triangle. Do this by drawing one of the heights at your choice and measure its length along with the length of the corresponding side.

a) Area:

$$a \cdot h_a / 2 = 7.9 \cdot 3 / 2 = 11.9$$

$$b \cdot h_b / 2 = 5 \cdot 4.8 / 2 = 12$$

$$c \cdot h_c / 2 = 5 \cdot 4.8 / 2 = 12$$

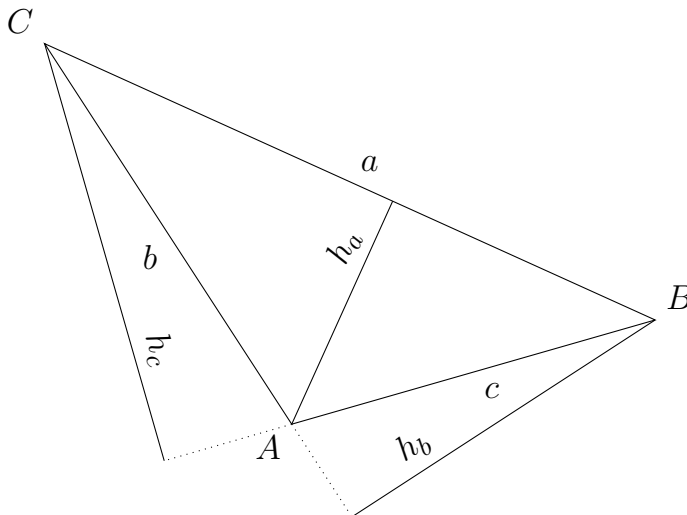


b) Area:

$$a \cdot h_a / 2 = 8.9 \cdot 3.2 / 2 = 14.2$$

$$b \cdot h_b / 2 = 6 \cdot 4.8 / 2 = 14.4$$

$$c \cdot h_c / 2 = 5 \cdot 5.7 / 2 = 14.3$$



3)

Quick:
2915

Calculate the area T of this triangle. Do this by drawing one of the heights at your

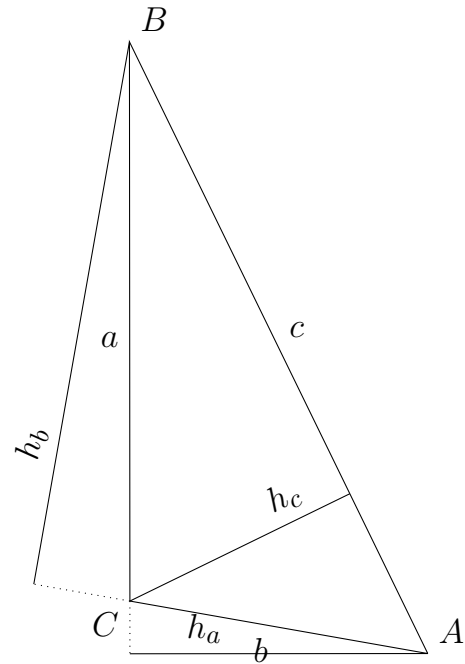
choice and measure its length along with the length of the corresponding side.

a) Area:

$$a \cdot h_a/2 = 7.4 \cdot 3.9/2 = 14.4$$

$$b \cdot h_b/2 = 4 \cdot 7.3/2 = 14.6$$

$$c \cdot h_c/2 = 9 \cdot 3.2/2 = 14.4$$

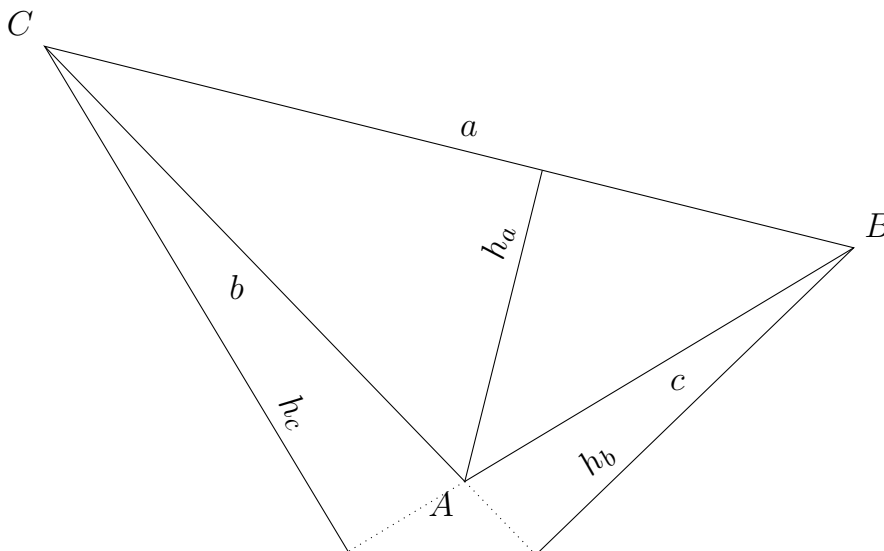


b) Area:

$$a \cdot h_a/2 = 11 \cdot 4.2/2 = 23.1$$

$$b \cdot h_b/2 = 8 \cdot 5.8/2 = 23.2$$

$$c \cdot h_c/2 = 6 \cdot 7.8/2 = 23.4$$



4)

Calculate the area T of this triangle. Do this by drawing one of the heights at your

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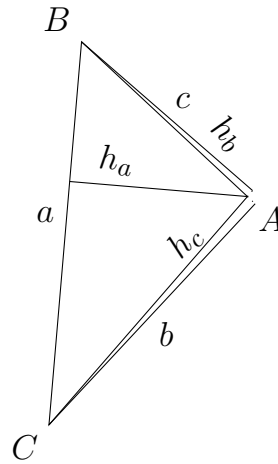
choice and measure its length along with the length of the corresponding side.

a) Area:

$$a \cdot h_a/2 = 5.1 \cdot 2.4/2 = 6.1$$

$$b \cdot h_b/2 = 4 \cdot 3/2 = 6$$

$$c \cdot h_c/2 = 3 \cdot 4/2 = 6$$

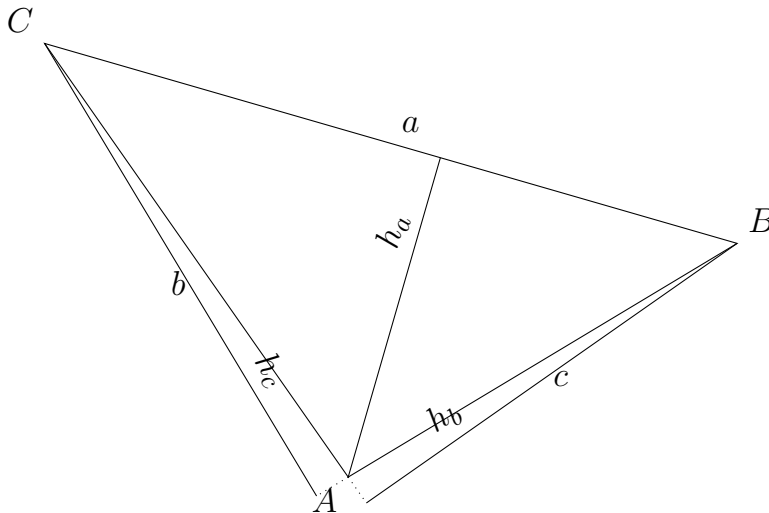


b) Area:

$$a \cdot h_a/2 = 9.5 \cdot 4.4/2 = 20.9$$

$$b \cdot h_b/2 = 7 \cdot 6/2 = 21$$

$$c \cdot h_c/2 = 6 \cdot 7/2 = 21$$



Good Luck!