

Worksheet

09/08/2018

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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.

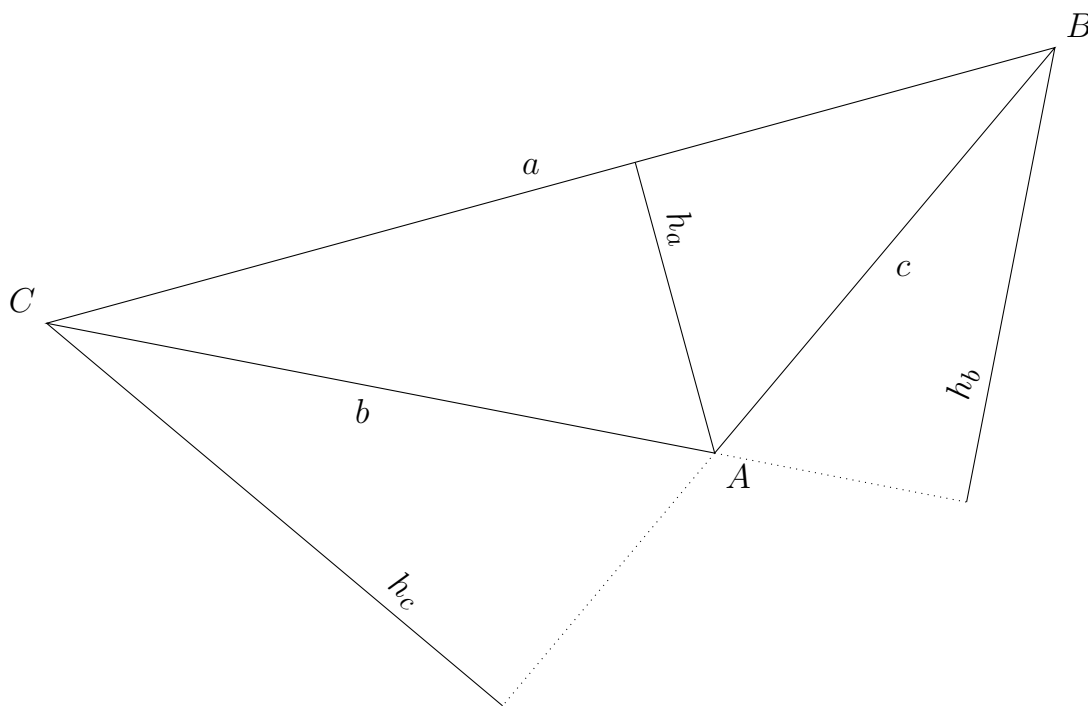
Quick:
2915

a) Area:

$$a \cdot h_a / 2 = 13.8 \cdot 4 / 2 = 27.6$$

$$b \cdot h_b / 2 = 9 \cdot 6.1 / 2 = 27.5$$

$$c \cdot h_c / 2 = 7 \cdot 7.9 / 2 = 27.7$$

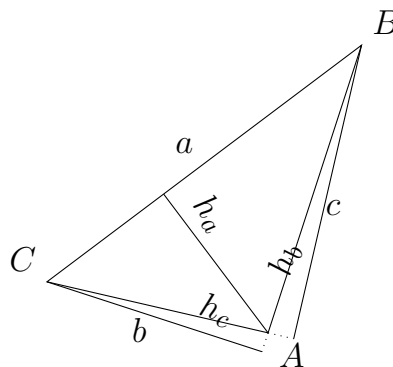


b) Area:

$$a \cdot h_a / 2 = 5.2 \cdot 2.3 / 2 = 6$$

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

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



2)

Quick:
2915

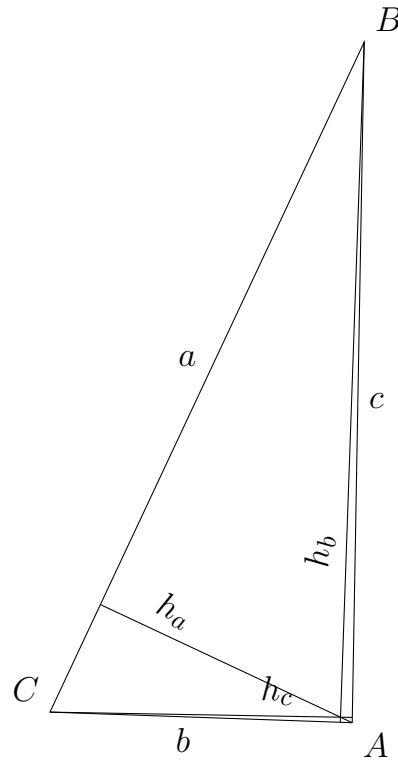
Calculate the area T of this triangle. Do this by drawing one of the heights at your choice and measure its length along with the length of the corresponding side.

a) Area:

$$a \cdot h_a / 2 = 9.8 \cdot 3.7 / 2 = 18.1$$

$$b \cdot h_b / 2 = 4 \cdot 9 / 2 = 18$$

$$c \cdot h_c / 2 = 9 \cdot 4 / 2 = 18$$

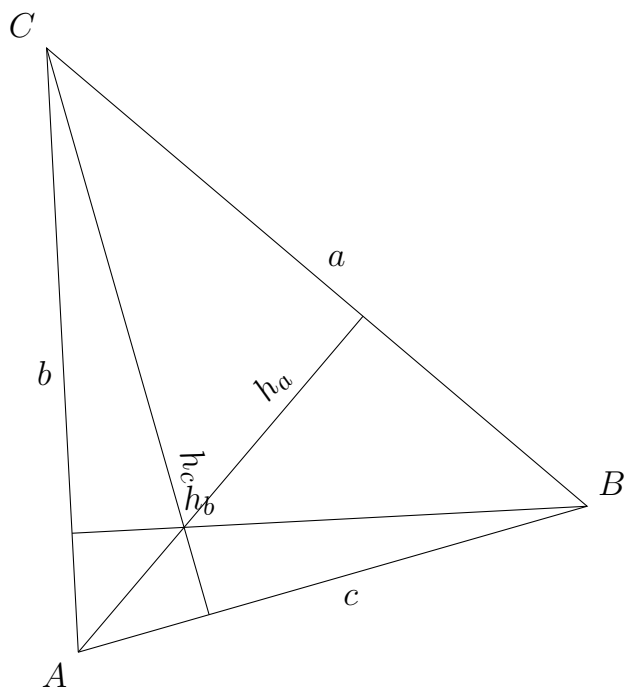


b) Area:

$$a \cdot h_a / 2 = 9.4 \cdot 5.8 / 2 = 27.3$$

$$b \cdot h_b / 2 = 8 \cdot 6.8 / 2 = 27.2$$

$$c \cdot h_c / 2 = 7 \cdot 7.8 / 2 = 27.3$$



3)

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.

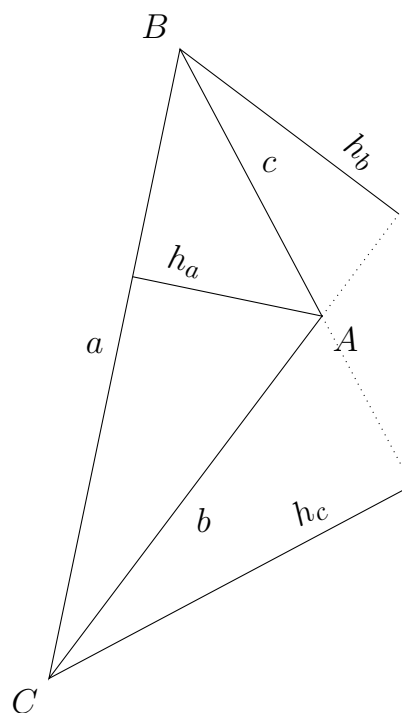
Quick:
2915

a) Area:

$$a \cdot h_a / 2 = 8.5 \cdot 2.6 / 2 = 11.1$$

$$b \cdot h_b / 2 = 6 \cdot 3.6 / 2 = 10.8$$

$$c \cdot h_c / 2 = 4 \cdot 5.4 / 2 = 10.8$$

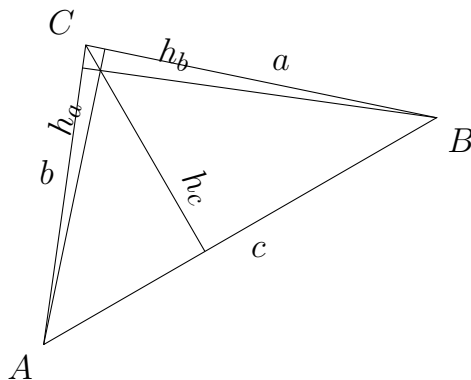


b) Area:

$$a \cdot h_a/2 = 4.7 \cdot 4/2 = 9.4$$

$$b \cdot h_b/2 = 4 \cdot 4.7/2 = 9.4$$

$$c \cdot h_c/2 = 6 \cdot 3.2/2 = 9.6$$



4)

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.

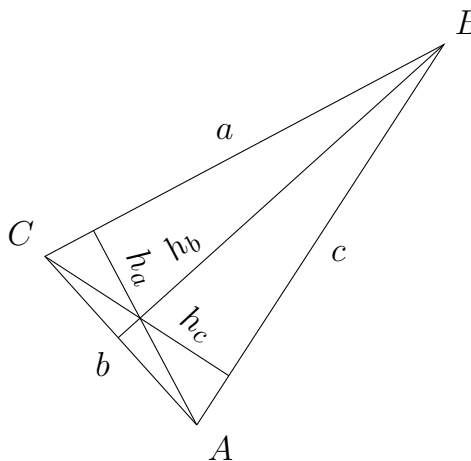
Quick:
2915

a) Area:

$$a \cdot h_a/2 = 6 \cdot 2.9/2 = 8.7$$

$$b \cdot h_b/2 = 3 \cdot 5.8/2 = 8.7$$

$$c \cdot h_c/2 = 6 \cdot 2.9/2 = 8.7$$

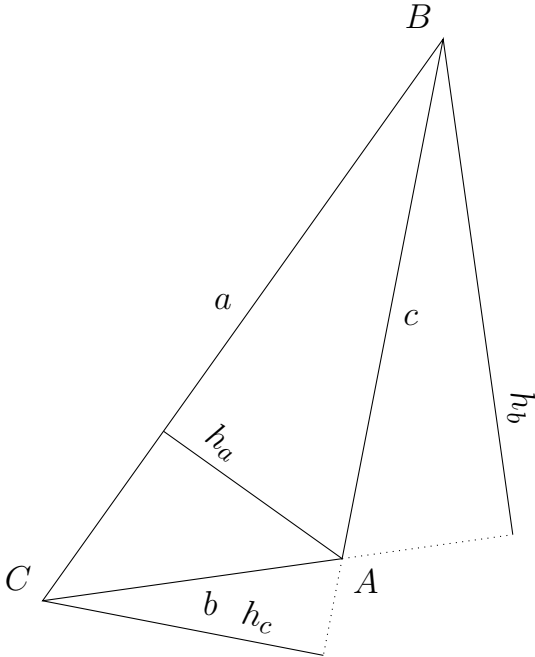


b) Area:

$$a \cdot h_a/2 = 9.1 \cdot 2.9/2 = 13.2$$

$$b \cdot h_b/2 = 4 \cdot 6.6/2 = 13.2$$

$$c \cdot h_c/2 = 7 \cdot 3.8/2 = 13.3$$



Good Luck!