

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.

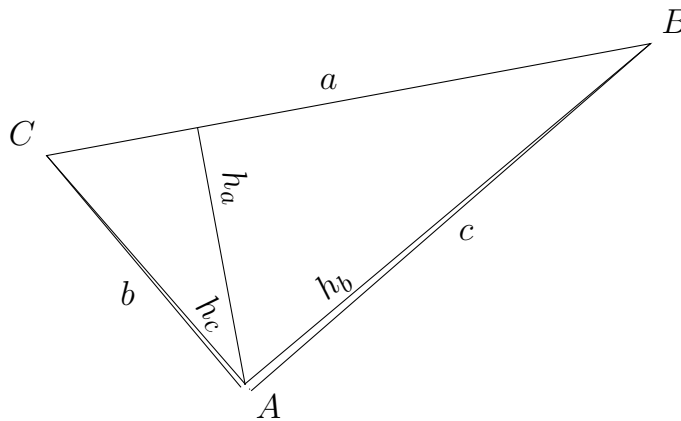
Quick:
2915

a) Area:

$$a \cdot h_a / 2 = 8.1 \cdot 3.4 / 2 = 13.8$$

$$b \cdot h_b / 2 = 4 \cdot 7 / 2 = 14$$

$$c \cdot h_c / 2 = 7 \cdot 4 / 2 = 14$$

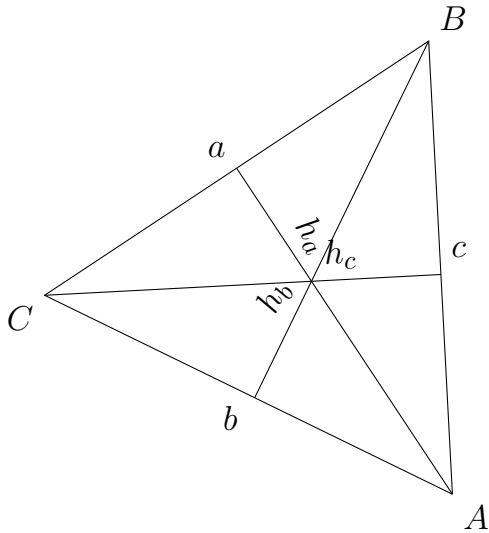


b) Area:

$$a \cdot h_a / 2 = 6.1 \cdot 5.2 / 2 = 15.9$$

$$b \cdot h_b / 2 = 6 \cdot 5.2 / 2 = 15.6$$

$$c \cdot h_c / 2 = 6 \cdot 5.2 / 2 = 15.6$$



2)

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.

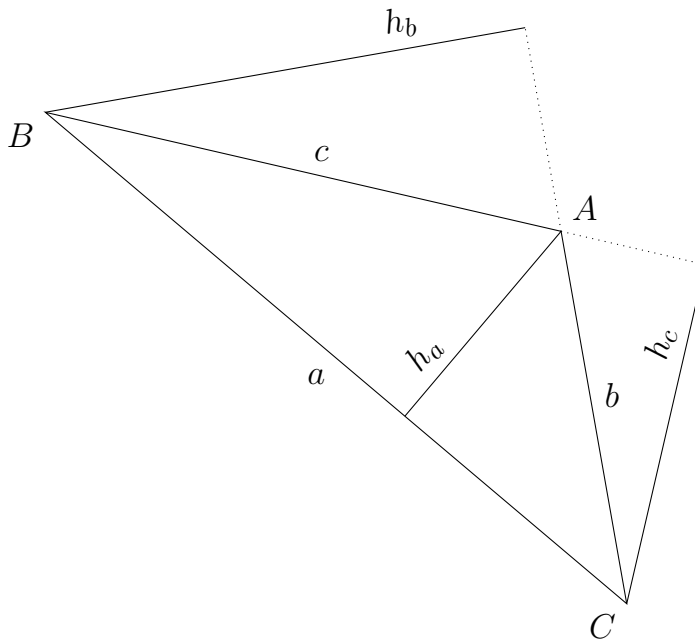
Quick:
2915

a) Area:

$$a \cdot h_a / 2 = 10.1 \cdot 3.2 / 2 = 16.2$$

$$b \cdot h_b / 2 = 5 \cdot 6.4 / 2 = 16$$

$$c \cdot h_c / 2 = 7 \cdot 4.6 / 2 = 16.1$$

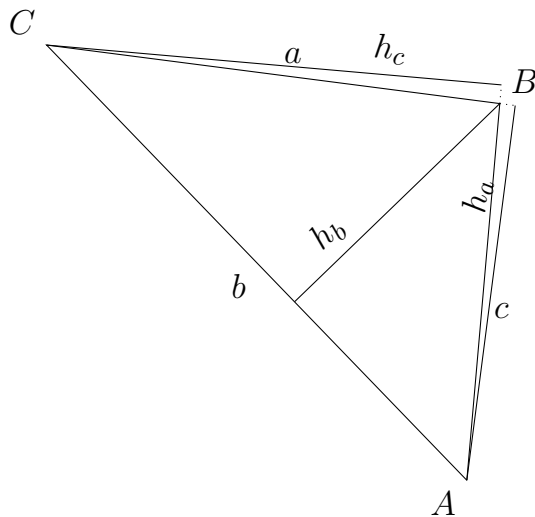


b) Area:

$$a \cdot h_a / 2 = 6 \cdot 5 / 2 = 15$$

$$b \cdot h_b / 2 = 8 \cdot 3.8 / 2 = 15.2$$

$$c \cdot h_c / 2 = 5 \cdot 6 / 2 = 15$$



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.

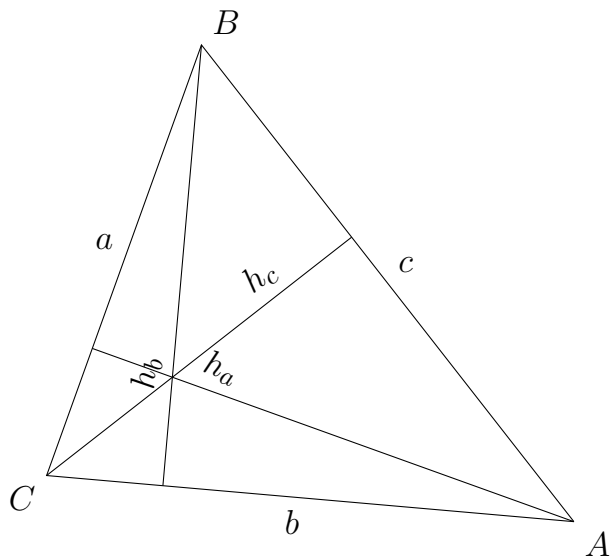
Quick:
2915

a) Area:

$$a \cdot h_a / 2 = 6.1 \cdot 6.8 / 2 = 20.7$$

$$b \cdot h_b / 2 = 7 \cdot 5.9 / 2 = 20.7$$

$$c \cdot h_c / 2 = 8 \cdot 5.1 / 2 = 20.4$$

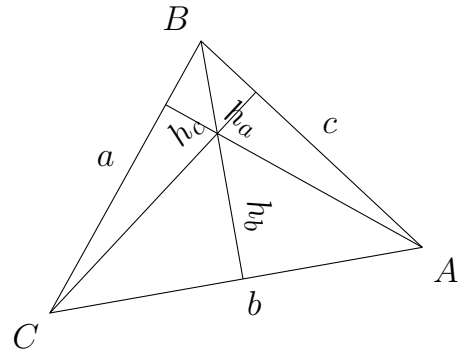


b) Area:

$$a \cdot h_a / 2 = 4.1 \cdot 3.9 / 2 = 8$$

$$b \cdot h_b / 2 = 5 \cdot 3.2 / 2 = 8$$

$$c \cdot h_c / 2 = 4 \cdot 4 / 2 = 8$$



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.

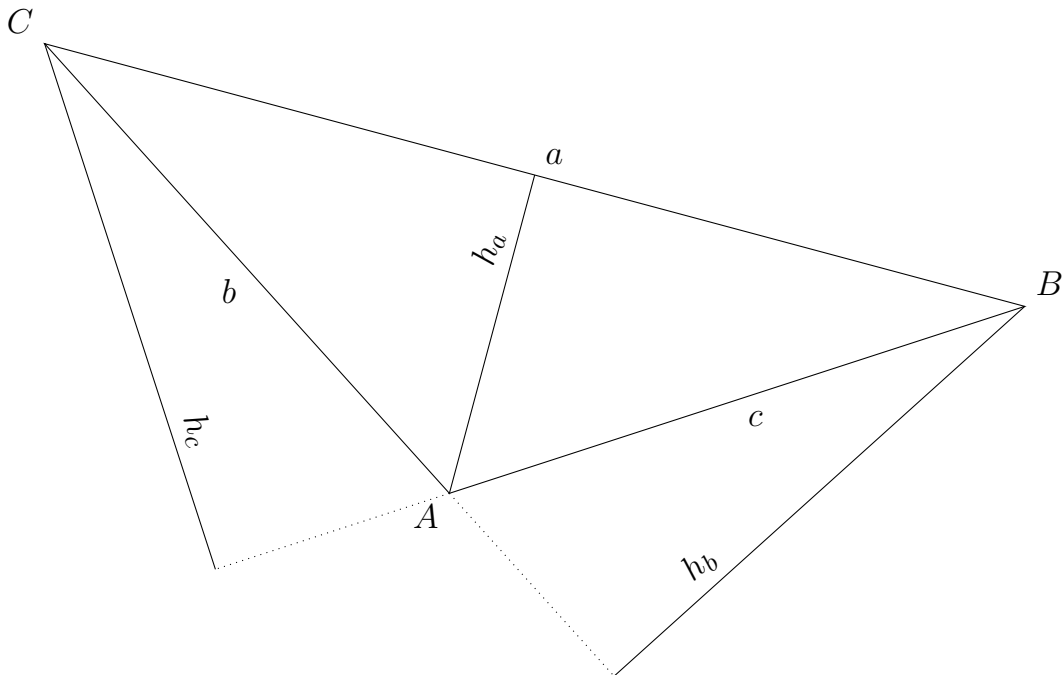
Quick:
2915

a) Area:

$$a \cdot h_a / 2 = 13.4 \cdot 4.4 / 2 = 29.5$$

$$b \cdot h_b / 2 = 8 \cdot 7.3 / 2 = 29.2$$

$$c \cdot h_c / 2 = 8 \cdot 7.3 / 2 = 29.2$$

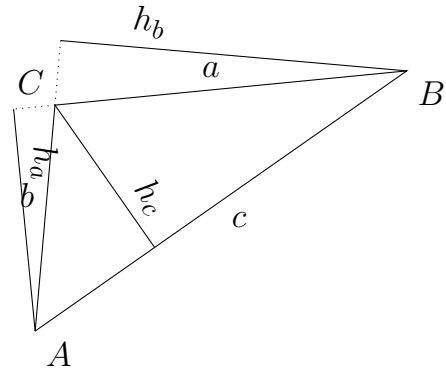


b) Area:

$$a \cdot h_a/2 = 4.7 \cdot 2.9/2 = 6.8$$

$$b \cdot h_b/2 = 3 \cdot 4.6/2 = 6.9$$

$$c \cdot h_c/2 = 6 \cdot 2.3/2 = 6.9$$



Good Luck!