

Worksheet

04/19/2019

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Problem quickname: 7677

1)

Consider the sides a, b, c of the triangle and its perimeter p . Find the missing value.Quick:
7677

- a) $b = 33$ cm, $c = 30$ cm, $u = 109.9$ cm, $a = 46.9$ cm
- b) $a = 30.8$ cm, $b = 42$ cm, $c = 27$ cm, $p = 99.8$ cm
- c) $a = 35.3$ cm, $b = 25$ cm, $c = 21$ cm, $p = 81.3$ cm
- d) $a = 43.3$ cm, $b = 46$ cm, $c = 19$ cm, $p = 108.3$ cm
- e) $a = 22.8$ cm, $b = 27$ cm, $c = 27$ cm, $p = 76.8$ cm
- f) $a = 36.9$ cm, $b = 38$ cm, $c = 4$ cm, $p = 78.9$ cm
- g) $a = 42.4$ cm, $b = 36$ cm, $c = 19$ cm, $p = 97.4$ cm
- h) $a = 59.7$ cm, $b = 42$ cm, $c = 47$ cm, $p = 148.7$ cm
- i) $a = 20.5$ cm, $b = 19$ cm, $c = 17$ cm, $p = 56.5$ cm
- j) $a = 53.9$ cm, $b = 45$ cm, $c = 24$ cm, $p = 122.9$ cm

2)

Consider the sides a, b, c of the triangle and its perimeter p . Find the missing value.Quick:
7677

- a) $a = 42.1$ cm, $b = 29$ cm, $c = 29$ cm, $p = 100.1$ cm
- b) $a = 42$ cm, $c = 43$ cm, $u = 100$ cm, $b = 15$ cm
- c) $a = 46.2$ cm, $c = 29$ cm, $u = 124.2$ cm, $b = 49$ cm
- d) $a = 38.4$ cm, $c = 48$ cm, $u = 104.4$ cm, $b = 18$ cm
- e) $a = 33.6$ cm, $b = 39$ cm, $c = 36$ cm, $p = 108.6$ cm
- f) $a = 23.7$ cm, $b = 6$ cm, $c = 23$ cm, $p = 52.7$ cm
- g) $a = 43.9$ cm, $c = 48$ cm, $u = 129.9$ cm, $b = 38$ cm
- h) $a = 25.9$ cm, $b = 12$ cm, $c = 23$ cm, $p = 60.9$ cm
- i) $a = 34.4$ cm, $b = 34$ cm, $c = 14$ cm, $p = 82.4$ cm
- j) $a = 28.4$ cm, $b = 6$ cm, $c = 28$ cm, $p = 62.4$ cm

3)

Consider the sides a, b, c of the triangle and its perimeter p . Find the missing value.Quick:
7677

- a) $a = 42.7$ cm, $b = 20$ cm, $u = 98.7$ cm, $c = 36$ cm
- b) $a = 23.4$ cm, $b = 23$ cm, $c = 29$ cm, $p = 75.4$ cm
- c) $a = 28.5$ cm, $b = 40$ cm, $c = 32$ cm, $p = 100.5$ cm
- d) $a = 42.9$ cm, $b = 47$ cm, $c = 6$ cm, $p = 95.9$ cm
- e) $a = 34.6$ cm, $b = 25$ cm, $c = 18$ cm, $p = 77.6$ cm
- f) $a = 33.1$ cm, $b = 29$ cm, $c = 12$ cm, $p = 74.1$ cm
- g) $a = 41$ cm, $b = 22$ cm, $c = 26$ cm, $p = 89$ cm
- h) $a = 31.7$ cm, $b = 35$ cm, $c = 31$ cm, $p = 97.7$ cm

i) $a = 65.3$ cm, $b = 46$ cm, $u = 159.3$ cm, $c = 48$ cm

j) $b = 31$ cm, $c = 41$ cm, $u = 126.7$ cm, $a = 54.7$ cm

4)

Consider the sides a, b, c of the triangle and its perimeter p . Find the missing value.

Quick:
7677

a) $a = 19.4$ cm, $c = 17$ cm, $u = 55.4$ cm, $b = 19$ cm

b) $a = 36.6$ cm, $b = 35$ cm, $c = 23$ cm, $p = 94.6$ cm

c) $a = 8.7$ cm, $c = 11$ cm, $u = 23.7$ cm, $b = 4$ cm

d) $a = 20.6$ cm, $b = 32$ cm, $c = 23$ cm, $p = 75.6$ cm

e) $a = 23.3$ cm, $b = 26$ cm, $c = 19$ cm, $p = 68.3$ cm

f) $a = 37.2$ cm, $b = 14$ cm, $c = 30$ cm, $p = 81.2$ cm

g) $a = 51.2$ cm, $b = 26$ cm, $u = 122.2$ cm, $c = 45$ cm

h) $b = 29$ cm, $c = 8$ cm, $u = 64.7$ cm, $a = 27.7$ cm

i) $b = 25$ cm, $c = 48$ cm, $u = 129.8$ cm, $a = 56.8$ cm

j) $a = 54.6$ cm, $b = 47$ cm, $c = 15$ cm, $p = 116.6$ cm

Good Luck!