

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.

- a) $a = 66.2$ cm, $b = 46$ cm, $c = 36$ cm, $p = ?$
- b) $a = 60.3$ cm, $b = 27$ cm, $u = 130.3$ cm, $c = ?$
- c) $a = 44.6$ cm, $b = 22$ cm, $c = 38$ cm, $p = ?$
- d) $b = 48$ cm, $c = 5$ cm, $u = 103.4$ cm, $a = ?$
- e) $a = 51.7$ cm, $b = 10$ cm, $u = 109.7$ cm, $c = ?$
- f) $a = 26$ cm, $b = 10$ cm, $u = 64$ cm, $c = ?$
- g) $a = 16.1$ cm, $c = 3$ cm, $u = 34.1$ cm, $b = ?$
- h) $a = 29$ cm, $b = 27$ cm, $c = 17$ cm, $p = ?$
- i) $a = 50.8$ cm, $c = 48$ cm, $u = 113.8$ cm, $b = ?$
- j) $a = 47.8$ cm, $b = 16$ cm, $c = 39$ cm, $p = ?$

2)

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

- a) $a = 38.6$ cm, $b = 36$ cm, $c = 14$ cm, $p = ?$
- b) $a = 60.6$ cm, $c = 38$ cm, $u = 134.6$ cm, $b = ?$
- c) $a = 38.6$ cm, $b = 13$ cm, $c = 43$ cm, $p = ?$
- d) $a = 19.3$ cm, $c = 28$ cm, $u = 63.3$ cm, $b = ?$
- e) $a = 31.9$ cm, $b = 33$ cm, $c = 8$ cm, $p = ?$
- f) $a = 20$ cm, $b = 10$ cm, $u = 56$ cm, $c = ?$
- g) $a = 44.1$ cm, $b = 23$ cm, $c = 36$ cm, $p = ?$
- h) $a = 33.2$ cm, $b = 34$ cm, $u = 73.2$ cm, $c = ?$
- i) $a = 8$ cm, $c = 5$ cm, $u = 21$ cm, $b = ?$
- j) $a = 28.3$ cm, $b = 5$ cm, $u = 63.3$ cm, $c = ?$

3)

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

- a) $a = 24.6$ cm, $b = 19$ cm, $c = 10$ cm, $p = ?$
- b) $a = 32.2$ cm, $b = 35$ cm, $u = 73.2$ cm, $c = ?$
- c) $a = 28$ cm, $b = 22$ cm, $c = 19$ cm, $p = ?$
- d) $a = 25.1$ cm, $b = 5$ cm, $c = 25$ cm, $p = ?$
- e) $a = 17.4$ cm, $b = 17$ cm, $c = 8$ cm, $p = ?$
- f) $a = 42.3$ cm, $b = 5$ cm, $c = 43$ cm, $p = ?$
- g) $a = 49.1$ cm, $c = 5$ cm, $u = 102.1$ cm, $b = ?$
- h) $a = 41.1$ cm, $b = 5$ cm, $u = 85.1$ cm, $c = ?$

i) $a = 29.1$ cm, $c = 33$ cm, $u = 78.1$ cm, $b = ?$

j) $a = 34.3$ cm, $b = 37$ cm, $c = 42$ cm, $p = ?$

4)

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

a) $b = 17$ cm, $c = 10$ cm, $u = 48.3$ cm, $a = ?$

b) $a = 51.1$ cm, $b = 20$ cm, $c = 43$ cm, $p = ?$

c) $a = 43.6$ cm, $b = 8$ cm, $c = 44$ cm, $p = ?$

d) $b = 41$ cm, $c = 16$ cm, $u = 97.2$ cm, $a = ?$

e) $a = 22.8$ cm, $b = 34$ cm, $u = 83.8$ cm, $c = ?$

f) $a = 13.7$ cm, $b = 5$ cm, $u = 29.7$ cm, $c = ?$

g) $a = 25$ cm, $c = 26$ cm, $u = 87$ cm, $b = ?$

h) $a = 43.1$ cm, $c = 48$ cm, $u = 138.1$ cm, $b = ?$

i) $a = 56.6$ cm, $b = 22$ cm, $c = 44$ cm, $p = ?$

j) $a = 34.1$ cm, $b = 42$ cm, $c = 27$ cm, $p = ?$

Good Luck!