

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) $a = 36$ cm, $b = 37$ cm, $c = 50$ cm, $p = 123$ cm
- b) $a = 42.1$ cm, $b = 12$ cm, $u = 89.1$ cm, $c = 35$ cm
- c) $a = 75.4$ cm, $c = 46$ cm, $u = 162.4$ cm, $b = 41$ cm
- d) $b = 48$ cm, $c = 18$ cm, $u = 121.5$ cm, $a = 55.5$ cm
- e) $a = 38.6$ cm, $b = 21$ cm, $u = 96.6$ cm, $c = 37$ cm
- f) $a = 25.1$ cm, $b = 7$ cm, $u = 60.1$ cm, $c = 28$ cm
- g) $a = 32.4$ cm, $b = 35$ cm, $c = 7$ cm, $p = 74.4$ cm
- h) $a = 33.4$ cm, $c = 24$ cm, $u = 79.4$ cm, $b = 22$ cm
- i) $a = 39.9$ cm, $b = 23$ cm, $c = 40$ cm, $p = 102.9$ cm
- j) $a = 33.9$ cm, $b = 31$ cm, $c = 37$ cm, $p = 101.9$ cm

2)

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

- a) $a = 33.9$ cm, $b = 22$ cm, $c = 17$ cm, $p = 72.9$ cm
- b) $a = 37.4$ cm, $c = 38$ cm, $u = 125.4$ cm, $b = 50$ cm
- c) $a = 49.2$ cm, $b = 29$ cm, $u = 126.2$ cm, $c = 48$ cm
- d) $a = 78.4$ cm, $b = 46$ cm, $c = 45$ cm, $p = 169.4$ cm
- e) $a = 39.8$ cm, $b = 37$ cm, $c = 28$ cm, $p = 104.8$ cm
- f) $a = 39.3$ cm, $b = 35$ cm, $u = 103.3$ cm, $c = 29$ cm
- g) $a = 29$ cm, $b = 15$ cm, $u = 80$ cm, $c = 36$ cm
- h) $a = 29.9$ cm, $b = 26$ cm, $c = 30$ cm, $p = 85.9$ cm
- i) $a = 43.9$ cm, $b = 45$ cm, $c = 20$ cm, $p = 108.9$ cm
- j) $a = 61.2$ cm, $c = 38$ cm, $u = 145.2$ cm, $b = 46$ cm

3)

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

- a) $a = 44$ cm, $b = 38$ cm, $c = 17$ cm, $p = 99$ cm
- b) $a = 36$ cm, $c = 33$ cm, $u = 115$ cm, $b = 46$ cm
- c) $a = 45.3$ cm, $c = 22$ cm, $u = 109.3$ cm, $b = 42$ cm
- d) $a = 13.9$ cm, $b = 5$ cm, $u = 29.9$ cm, $c = 11$ cm
- e) $a = 52$ cm, $b = 47$ cm, $c = 11$ cm, $p = 110$ cm
- f) $a = 49.6$ cm, $b = 44$ cm, $c = 10$ cm, $p = 103.6$ cm
- g) $a = 28$ cm, $b = 17$ cm, $u = 67$ cm, $c = 22$ cm
- h) $a = 23.1$ cm, $c = 9$ cm, $u = 50.1$ cm, $b = 18$ cm

i) $a = 67.9$ cm, $b = 49$ cm, $c = 40$ cm, $p = 156.9$ cm

j) $a = 11.3$ cm, $c = 10$ cm, $u = 26.3$ cm, $b = 5$ cm

4)

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

Quick:
7677

a) $a = 17.7$ cm, $b = 14$ cm, $u = 47.7$ cm, $c = 16$ cm

b) $a = 68.2$ cm, $b = 50$ cm, $c = 29$ cm, $p = 147.2$ cm

c) $a = 36.1$ cm, $b = 40$ cm, $u = 100.1$ cm, $c = 24$ cm

d) $a = 41.1$ cm, $c = 46$ cm, $u = 99.1$ cm, $b = 12$ cm

e) $a = 36.1$ cm, $b = 30$ cm, $c = 40$ cm, $p = 106.1$ cm

f) $a = 29.9$ cm, $b = 11$ cm, $c = 35$ cm, $p = 75.9$ cm

g) $a = 31.1$ cm, $c = 29$ cm, $u = 88.1$ cm, $b = 28$ cm

h) $a = 63.6$ cm, $b = 49$ cm, $u = 157.6$ cm, $c = 45$ cm

i) $a = 34.8$ cm, $b = 18$ cm, $c = 28$ cm, $p = 80.8$ cm

j) $a = 52.6$ cm, $c = 36$ cm, $u = 136.6$ cm, $b = 48$ cm

Good Luck!