

# 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)  $b = 33$  cm,  $c = 30$  cm,  $u = 109.9$  cm,  $a = ?$
- b)  $a = 30.8$  cm,  $b = 42$  cm,  $c = 27$  cm,  $p = ?$
- c)  $a = 35.3$  cm,  $b = 25$  cm,  $c = 21$  cm,  $p = ?$
- d)  $a = 43.3$  cm,  $b = 46$  cm,  $c = 19$  cm,  $p = ?$
- e)  $a = 22.8$  cm,  $b = 27$  cm,  $c = 27$  cm,  $p = ?$
- f)  $a = 36.9$  cm,  $b = 38$  cm,  $c = 4$  cm,  $p = ?$
- g)  $a = 42.4$  cm,  $b = 36$  cm,  $c = 19$  cm,  $p = ?$
- h)  $a = 59.7$  cm,  $b = 42$  cm,  $c = 47$  cm,  $p = ?$
- i)  $a = 20.5$  cm,  $b = 19$  cm,  $c = 17$  cm,  $p = ?$
- j)  $a = 53.9$  cm,  $b = 45$  cm,  $c = 24$  cm,  $p = ?$

2)

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

- a)  $a = 42.1$  cm,  $b = 29$  cm,  $c = 29$  cm,  $p = ?$
- b)  $a = 42$  cm,  $c = 43$  cm,  $u = 100$  cm,  $b = ?$
- c)  $a = 46.2$  cm,  $c = 29$  cm,  $u = 124.2$  cm,  $b = ?$
- d)  $a = 38.4$  cm,  $c = 48$  cm,  $u = 104.4$  cm,  $b = ?$
- e)  $a = 33.6$  cm,  $b = 39$  cm,  $c = 36$  cm,  $p = ?$
- f)  $a = 23.7$  cm,  $b = 6$  cm,  $c = 23$  cm,  $p = ?$
- g)  $a = 43.9$  cm,  $c = 48$  cm,  $u = 129.9$  cm,  $b = ?$
- h)  $a = 25.9$  cm,  $b = 12$  cm,  $c = 23$  cm,  $p = ?$
- i)  $a = 34.4$  cm,  $b = 34$  cm,  $c = 14$  cm,  $p = ?$
- j)  $a = 28.4$  cm,  $b = 6$  cm,  $c = 28$  cm,  $p = ?$

3)

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

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

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

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

4)

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

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

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

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

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

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

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

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

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

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

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

Good Luck!