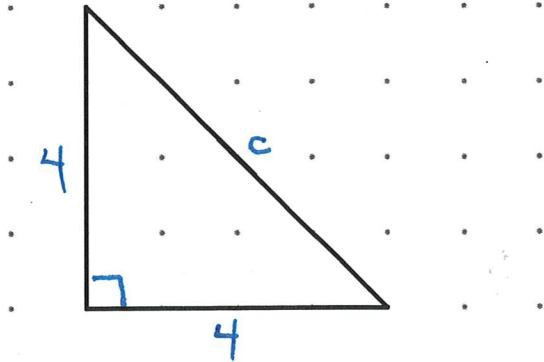


Determine the perimeter of the given polygons. Round final answers to the nearest tenth.

1.



$$P = 4 + 4 + c$$

$$P = 4 + 4 + \sqrt{32}$$

$$P \approx 13.7 \text{ UNITS}$$

$$a^2 + b^2 = c^2$$

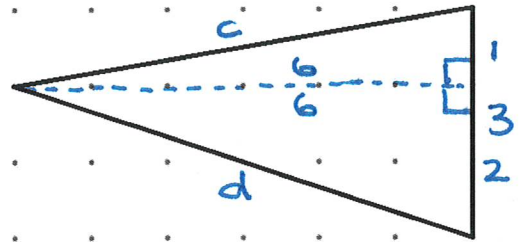
$$(4)^2 + (4)^2 = c^2$$

$$16 + 16 = c^2$$

$$\sqrt{32} = \sqrt{c^2}$$

$$c = \sqrt{32}$$

2.



$$P = 3 + c + d$$

$$P = 3 + \sqrt{37} + \sqrt{40}$$

$$P \approx 15.4 \text{ UNITS}$$

$$a^2 + b^2 = c^2$$

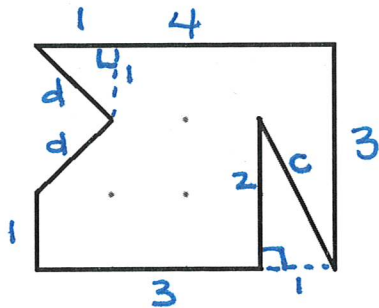
$$(1)^2 + (6)^2 = c^2$$

$$1 + 36 = c^2$$

$$\sqrt{37} = \sqrt{c^2}$$

$$c = \sqrt{37}$$

3.



$$P = 4 + 3 + c + 2 + 3 + 1 + d + d$$

$$P = 4 + 3 + \sqrt{5} + 2 + 3 + 1 + \sqrt{2} + \sqrt{2}$$

$$P \approx 18.1 \text{ UNITS}$$

$$a^2 + b^2 = c^2$$

$$(1)^2 + (2)^2 = c^2$$

$$1 + 4 = c^2$$

$$\sqrt{5} = \sqrt{c^2}$$

$$c = \sqrt{5}$$

$$a^2 + b^2 = d^2$$

$$(1)^2 + (1)^2 = d^2$$

$$1 + 1 = d^2$$

$$\sqrt{2} = \sqrt{d^2}$$

$$d = \sqrt{2}$$

$$a^2 + b^2 = d^2$$

$$(2)^2 + (6)^2 = d^2$$

$$4 + 36 = d^2$$

$$\sqrt{40} = \sqrt{d^2}$$

$$d = \sqrt{40}$$