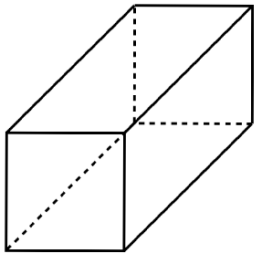
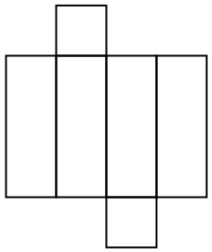
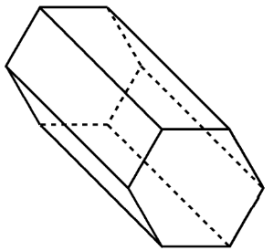


B
P
h

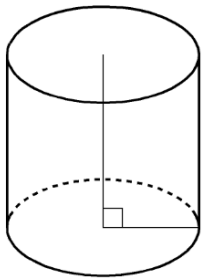
SA =





P
h

L =



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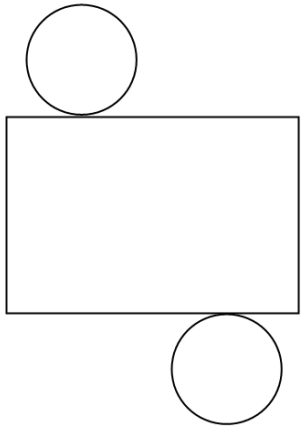
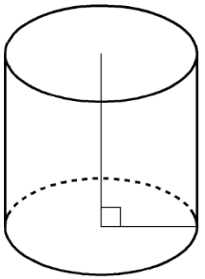
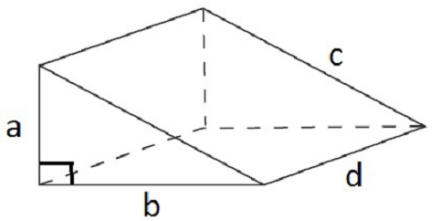
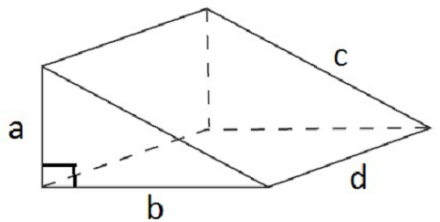




$L =$



Find the total surface area of the prism in cm^2 with the following information:
a = 7 cm
c = $7\sqrt{10}$ cm
d = 23 cm
Express your answer to the nearest tenth. (The image may not be drawn to scale.)



Find the total surface area of the prism in cm^2 with the following information:
a = 2 cm
b = 6 cm
d = 7 cm
Express your answer to the nearest tenth. (The image may not be drawn to scale.)

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A cylinder has a radius of 5 inches and a height of 9 inches. Find its surface area in square inches. Use 3.14 as an approximation for pi, and express your answer to the nearest tenth.

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A cylinder has a diameter of 6 inches and a height of 6 inches. Find its surface area in square inches. Use 3.14 as an approximation for pi, and express your answer to the nearest tenth.

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A cylinder has a diameter of 22 inches and a height of 9 inches. Find its lateral surface area in square inches. Use 3.14 as an approximation for pi, and express your answer to the nearest tenth.

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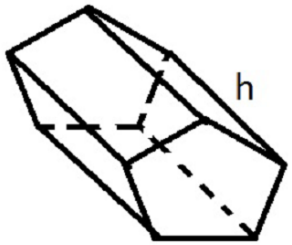
A cylinder has a radius of 9 inches and a height of 9 inches. Find its lateral surface area in square inches. Use 3.14 as an approximation for pi, and express your answer to the nearest tenth.



Find the lateral surface area of the prism in square meters. The base is a regular polygon with a perimeter of 25 meters. The height of the prism is 16 meters. (The figure may not be drawn to scale.)