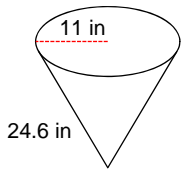


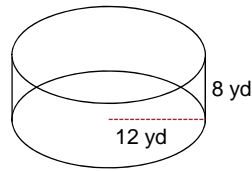
Assignment

Find the lateral area and surface area of each right circular cylinder and cone. Round your answers to the nearest tenth, if necessary. Leave your answers in terms of π for answers that contain π .

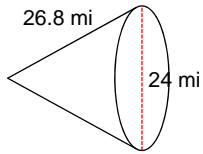
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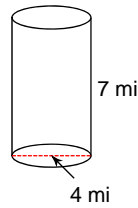
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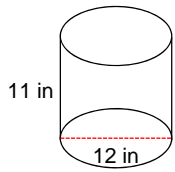
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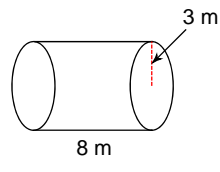
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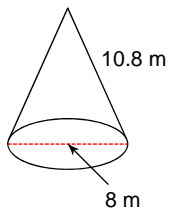
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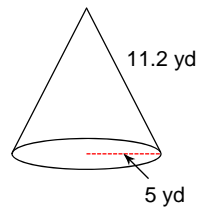
6)



7)



8)



Find the surface area of each right circular cylinder and cone. Round your answers to the nearest tenth, if necessary. Leave your answers in terms of π for answers that contain π .

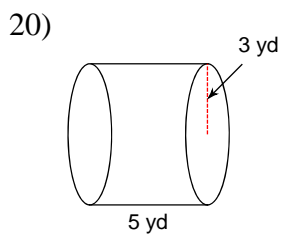
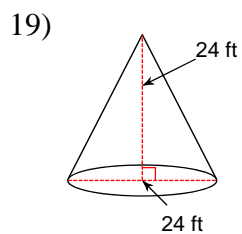
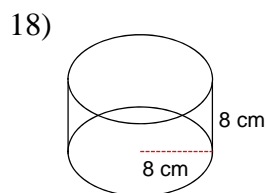
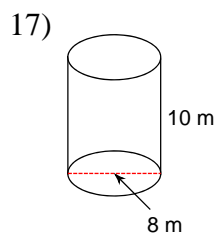
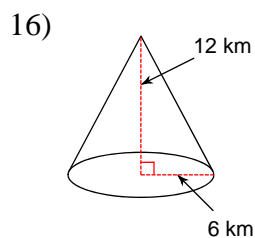
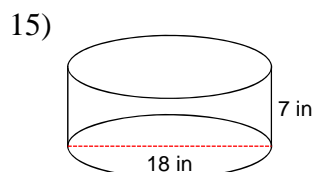
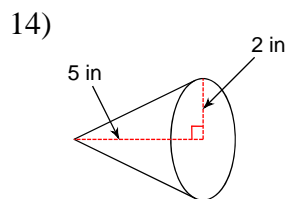
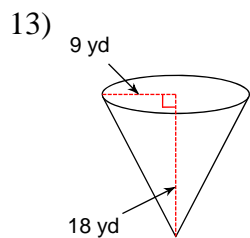
9) A cylinder with a radius of 3 in and a height of 2 in.

10) A cone with diameter 16 cm and a slant height of 17.9 cm.

11) A cylinder with a diameter of 6 in and a height of 8 in.

12) A cone with radius 2 mi and a slant height of 11.2 mi.

Find the volume of each right circular cylinder and cone. Round your answers to the nearest tenth, if necessary. Leave your answers in terms of π for answers that contain π .



21) A cone with diameter 18 yd and a height of 18 yd.

22) A cylinder with a radius of 5 yd and a height of 5 yd.

23) A cone with radius 11 km and a height of 22 km.

24) A cylinder with a diameter of 4 km and a height of 4 km.