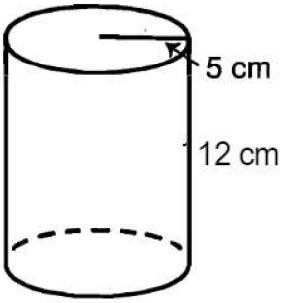
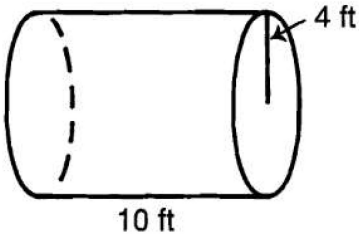
Why Did Humpty Dumpty Have a Great Fall?

Do each exercise and find your answer in the answer column. Write the letter of the answer in each box containing the number of the exercise. Use 3.14 for π.

Find the lateral area and the total surface area of each cylinder.



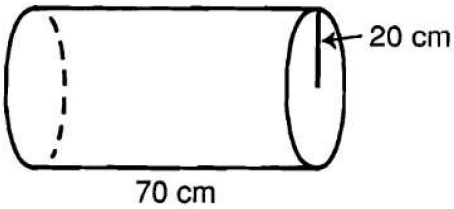


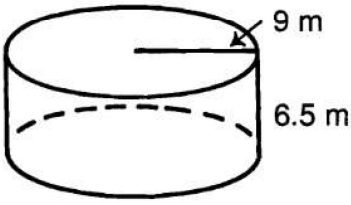
(1) lateral area: _____

(2) total area: _____

(3) lateral area: _____

(4) total area: _____





(5) lateral area: _____

(6) total area: _____

(7) lateral area: _____

(8) total area: _____

II. Find the total surface area of each cylinder.

(9) $r = 3$ cm, $h = 10$ cm

(10) $r = 8$ in., $h = 8$ in.

(11) $d = 10.8$ m, $h = 2.6$ m

III. Solve.

(12) A can of tomato juice is a cylinder with a radius of 7.5 cm and a height of 20 cm. What is the area of the label around the can?

(13) A steel oil tank is a cylinder with a diameter of 12 ft and a height of 18 ft. How many square feet of steel were needed to make the tank?

(Y) 412.18 ft^2
(R) 803.84 $in.^2$
(H) 792.16 m^2
(T) 251.2 ft2
(M) 904.32 ft^2
(L) 861.6 cm^2
(S) 367.38 m^2
(D) 376.8 cm^2
(P) 244.92 cm^2
(C) 815.18 ft^2
(K) 11,304 cm^2
(B) 942 cm^2
(E) 351.68 ft^2
(N) 775.14 $in.^2$
(U) 533.8 cm^2
(A) 271.296 m^2
(O) 876.06 m^2
(V) 12,412 cm^2
(F) 8,792 cm^2
(I) 311.046 m^2

3	8	13	11	6	4	2	9	5	8	10	11	12	11	1	7	2	13	13	4	10

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