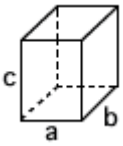
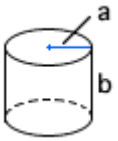
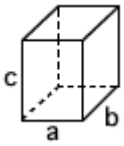
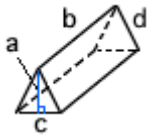
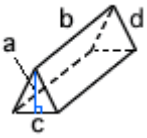
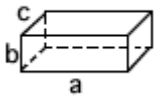
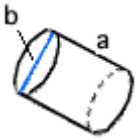
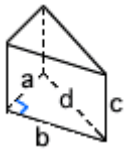
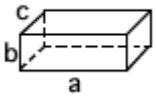
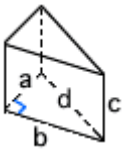
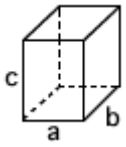
Name _____ Date _____

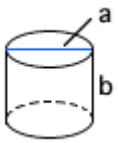
(Answer ID # 0672019)

Surface Area

Find the surface area of each solid to the nearest tenth. (*use* $\pi = 3.14$)

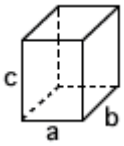
1. a = 34 mm b = 18 mm	2.  a = 3.9 in b = 3.2 in c = 6.5 in	3.  a = 7.8 cm b = 7 cm
4.  a = 33 in b = 30 in c = 35 in	5.  a = 21 cm b = 44 cm c = 40 cm d = 29 cm	6.  a = 56 mm b = 74 mm c = 66 mm d = 65 mm
7.  a = 68 cm b = 36 cm c = 48 cm	8.  a = 22 mm b = 18.6 mm	9.  a = 24 in b = 45 in c = 4.8 in d = 51 in
10.  a = 29 mm b = 5 mm c = 10 mm	11.  a = 5 in b = 12 in c = 6.1 in d = 13 in	12.  a = 26 cm b = 22 cm c = 23 cm

Answer Key 0672019

1. 

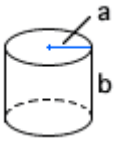
a = 34 mm
b = 18 mm

surface area = 3736.6 mm^2

2. 

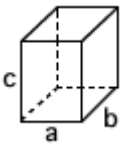
a = 3.9 in
b = 3.2 in
c = 6.5 in

surface area = 117.26 in^2

3. 

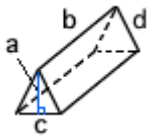
a = 7.8 cm
b = 7 cm

surface area = 725 cm^2

4. 

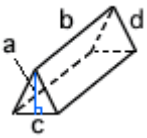
a = 33 in
b = 30 in
c = 35 in

surface area = 6390 in^2

5. 

a = 21 cm
b = 44 cm
c = 40 cm
d = 29 cm

surface area = 5152 cm^2

6. 

a = 56 mm
b = 74 mm
c = 66 mm
d = 65 mm

surface area = 18200 mm^2

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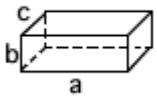
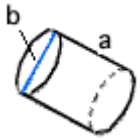
7.



a = 68 cm
b = 36 cm
c = 48 cm

surface area = 14880 cm^2

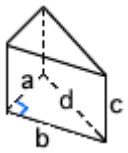
8.



a = 22 mm
b = 18.6 mm

surface area = 2044.8 mm^2

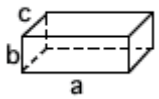
9.



a = 24 in
b = 45 in
c = 4.8 in
d = 51 in

surface area = 1656 in^2

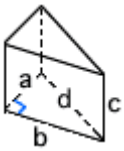
10.



a = 29 mm
b = 5 mm
c = 10 mm

surface area = 970 mm^2

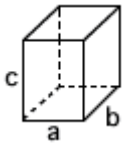
11.



a = 5 in
b = 12 in
c = 6.1 in
d = 13 in

surface area = 243 in^2

12.



a = 26 cm
b = 22 cm
c = 23 cm

surface area = 3352 cm^2