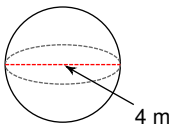
Kuta Software - Infinite Pre-Algebra Name_____

Surface Area of Solids

Date_____ Period____

Find the surface area of each figure. Round to the nearest tenth.

1)



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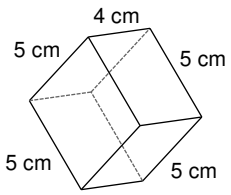

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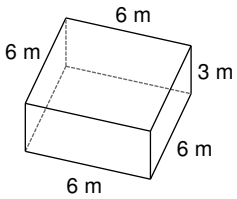

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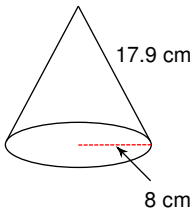

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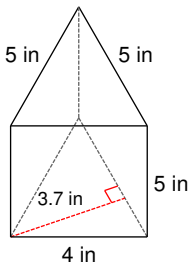

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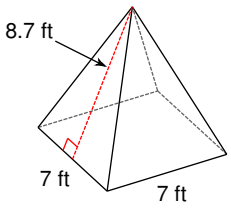

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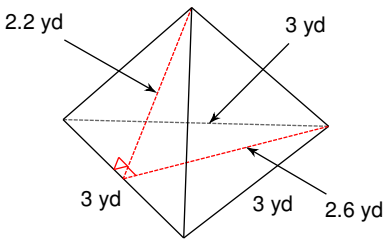

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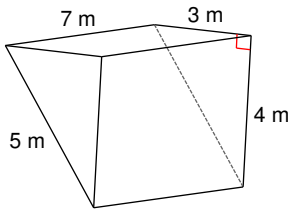

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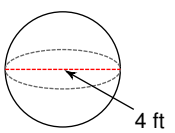

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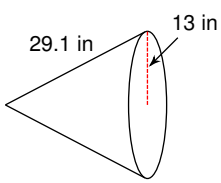

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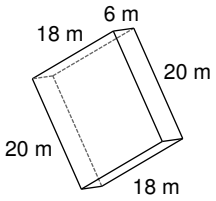

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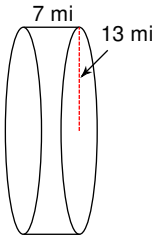

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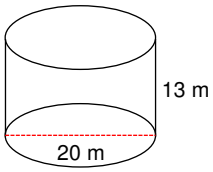

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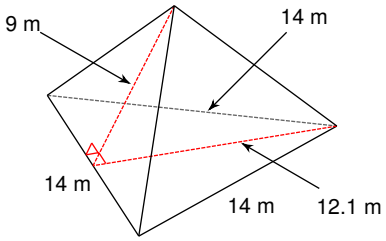

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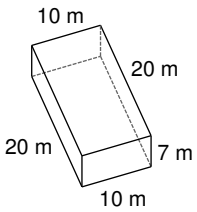

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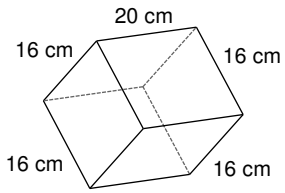


17) A cone with diameter 10 in and a slant height of 13 in.

18) A square prism measuring 8 km along each edge of the base and 9 km tall.

19) A sphere with a diameter of 20 yd.

20) A square pyramid measuring 9 yd along the base with a slant height of 12.8 yd.

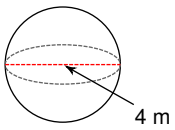
Kuta Software - Infinite Pre-Algebra Name_____

Surface Area of Solids

Date_____ Period____

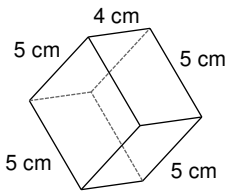
Find the surface area of each figure. Round to the nearest tenth.

1)



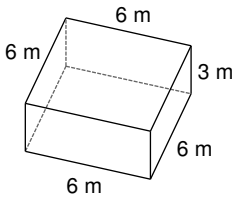
50.3 m²

2)



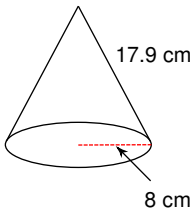
130 cm²

3)



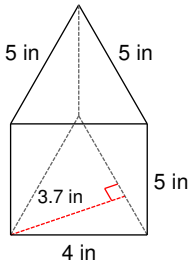
144 m²

4)



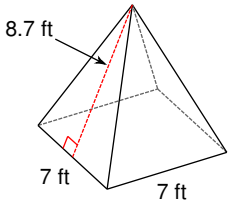
650.9 cm²

5)



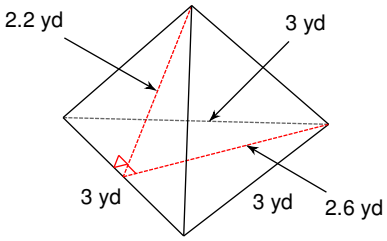
88.5 in²

6)



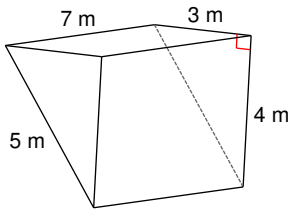
170.8 ft²

7)



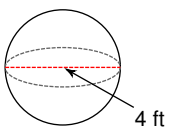
13.8 yd²

8)



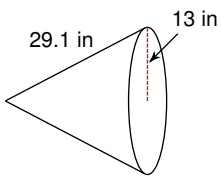
96 m²

9)



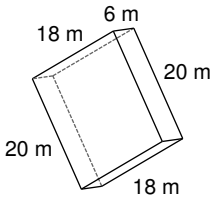
50.3 ft²

10)



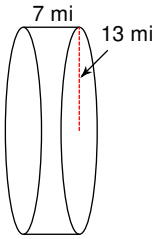
1719.4 in²

11)



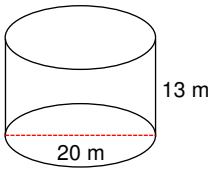
1176 m²

12)



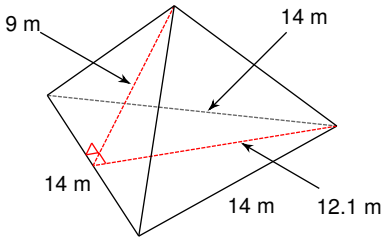
1633.6 mi²

13)



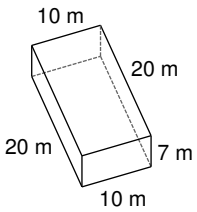
1445.1 m²

14)



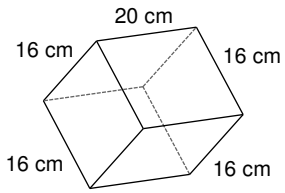
273.7 m²

15)



820 m²

16)



1792 cm²

17) A cone with diameter 10 in and a slant height of 13 in.

282.7 in²

18) A square prism measuring 8 km along each edge of the base and 9 km tall.

416 km²

19) A sphere with a diameter of 20 yd.

1256.6 yd²

20) A square pyramid measuring 9 yd along the base with a slant height of 12.8 yd.

311.4 yd²