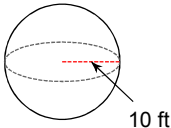
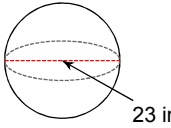
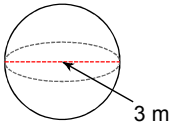
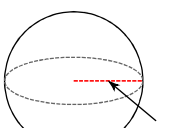
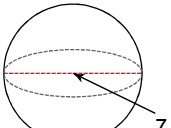
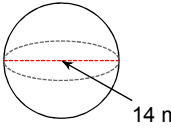
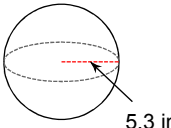
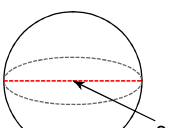


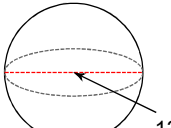
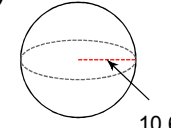
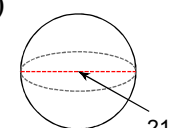
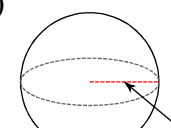
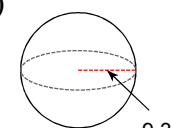
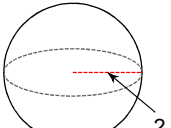
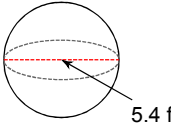
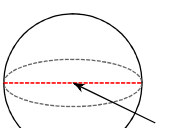
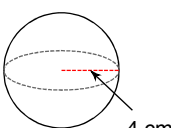
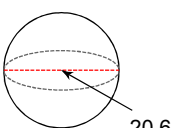
Week 6 Practice - Ch. 11-4 and SOHCAHTOA

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**Find the surface area of each figure. Round your answers to the nearest hundredth, if necessary. Leave your answers in terms of  $\pi$  for answers that contain  $\pi$ .**

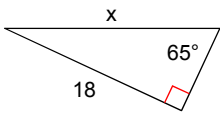
- |   |   |
|---|---|
| <p>1) </p> <p>3) </p> <p>5) </p> <p>7) </p> | <p>2) </p> <p>4) </p> <p>6) </p> <p>8) </p> |
|---|---|

**Find the volume of each figure. Round your answers to the nearest hundredth, if necessary. Leave your answers in terms of  $\pi$  for answers that contain  $\pi$ .**

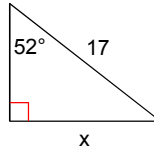
- |   |   |
|---|---|
| <p>9) </p> <p>11) </p> <p>13) </p> <p>15) </p> <p>17) </p> | <p>10) </p> <p>12) </p> <p>14) </p> <p>16) </p> <p>18) </p> |
|---|---|

Find the missing side. Round to the nearest tenth.

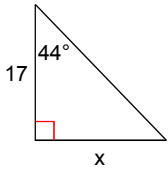
19)



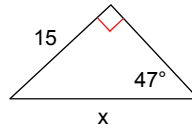
20)



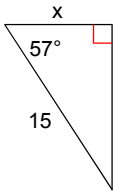
21)



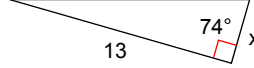
22)



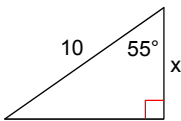
23)



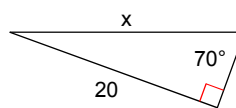
24)



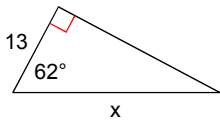
25)



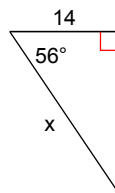
26)



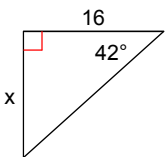
27)



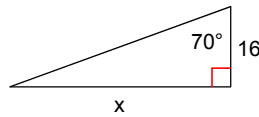
28)



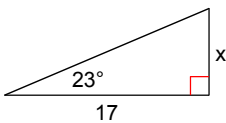
29)



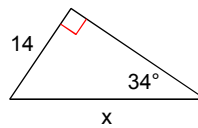
30)



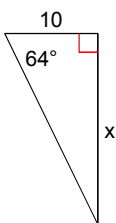
31)



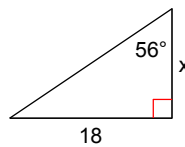
32)



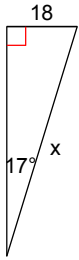
33)



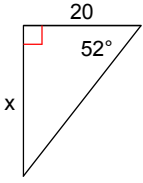
34)



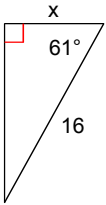
35)



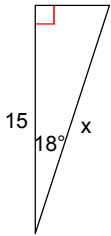
37)



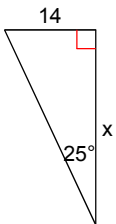
39)



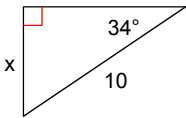
41)



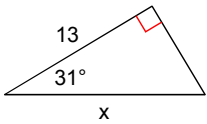
43)



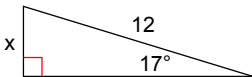
45)



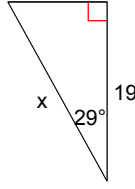
47)



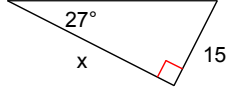
49)



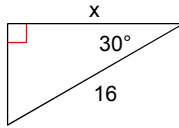
36)



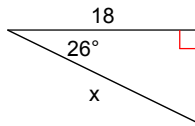
38)



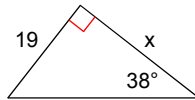
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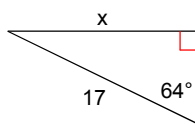
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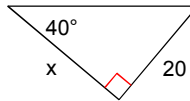
44)



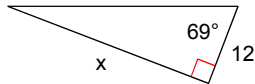
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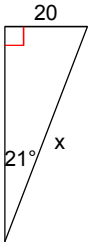
48)



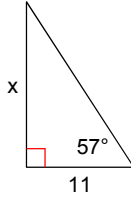
50)



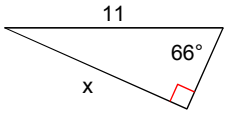
51)



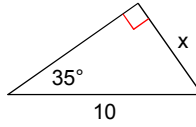
52)



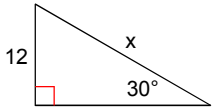
53)



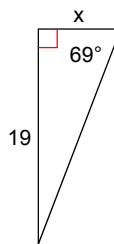
54)



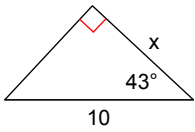
55)



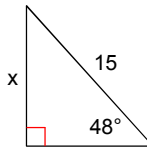
56)



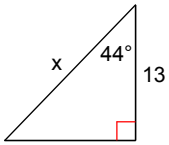
57)



58)



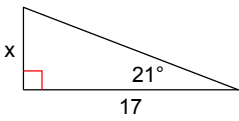
59)



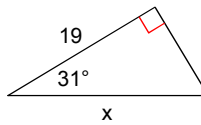
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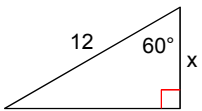
61)



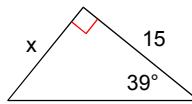
62)



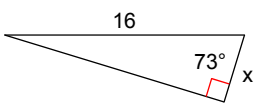
63)



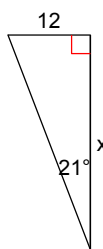
64)



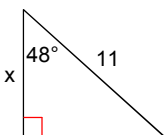
65)



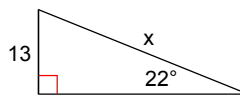
66)



67)



68)



## Answers to Week 6 Practice - Ch. 11-4 and SOHCAHTOA (ID: 1)

- |                              |                               |                               |                             |
|------------------------------|-------------------------------|-------------------------------|-----------------------------|
| 1) $400\pi \text{ ft}^2$     | 2) $57.76\pi \text{ yd}^2$    | 3) $529\pi \text{ in}^2$      | 4) $196\pi \text{ m}^2$     |
| 5) $9\pi \text{ m}^2$        | 6) $112.36\pi \text{ in}^2$   | 7) $158.76\pi \text{ ft}^2$   | 8) $64\pi \text{ cm}^2$     |
| 9) $438.01\pi \text{ ft}^3$  | 10) $10.67\pi \text{ in}^3$   | 11) $1588.02\pi \text{ mi}^3$ | 12) $26.24\pi \text{ ft}^3$ |
| 13) $1543.5\pi \text{ km}^3$ | 14) $67.54\pi \text{ cm}^3$   | 15) $1333.33\pi \text{ m}^3$  | 16) $85.33\pi \text{ cm}^3$ |
| 17) $1072.48\pi \text{ m}^3$ | 18) $1456.97\pi \text{ yd}^3$ | 19) 19.9                      | 20) 13.4                    |
| 21) 16.4                     | 22) 20.5                      | 23) 8.2                       | 24) 3.7                     |
| 25) 5.7                      | 26) 21.3                      | 27) 27.7                      | 28) 25.0                    |
| 29) 14.4                     | 30) 44.0                      | 31) 7.2                       | 32) 25.0                    |
| 33) 20.5                     | 34) 12.1                      | 35) 61.6                      | 36) 21.7                    |
| 37) 25.6                     | 38) 29.4                      | 39) 7.8                       | 40) 13.9                    |
| 41) 15.8                     | 42) 20.0                      | 43) 30.0                      | 44) 24.3                    |
| 45) 5.6                      | 46) 15.3                      | 47) 15.2                      | 48) 23.8                    |
| 49) 3.5                      | 50) 31.3                      | 51) 55.8                      | 52) 16.9                    |
| 53) 10.0                     | 54) 5.7                       | 55) 24.0                      | 56) 7.3                     |
| 57) 7.3                      | 58) 11.1                      | 59) 18.1                      | 60) 65.3                    |
| 61) 6.5                      | 62) 22.2                      | 63) 6.0                       | 64) 12.1                    |
| 65) 4.7                      | 66) 31.3                      | 67) 7.4                       | 68) 34.7                    |