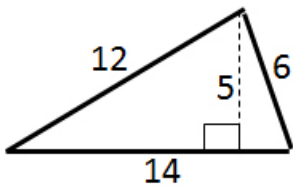


### Polygons Review

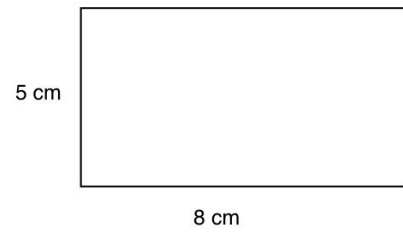
| Figure        | Formula                       |
|---------------|-------------------------------|
| Triangle      | $A = \frac{1}{2}bh$           |
| Parallelogram | $A = bh$                      |
| Circle        | $A = \pi r^2$                 |
| Trapezoid     | $A = \frac{1}{2}h(b_1 + b_2)$ |

1) Find the area of the following polygons. **Show all work!**

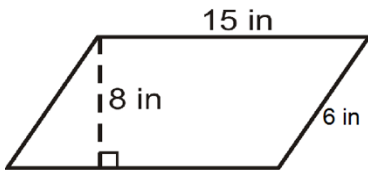
a.



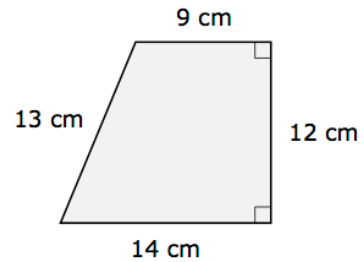
b.



c.

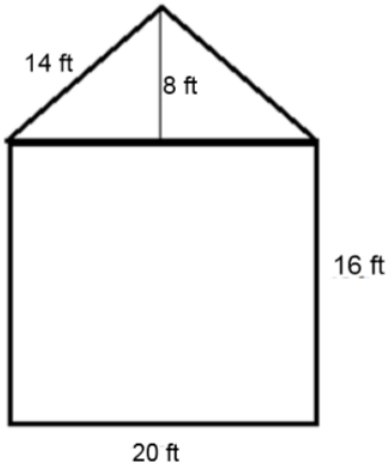


d.

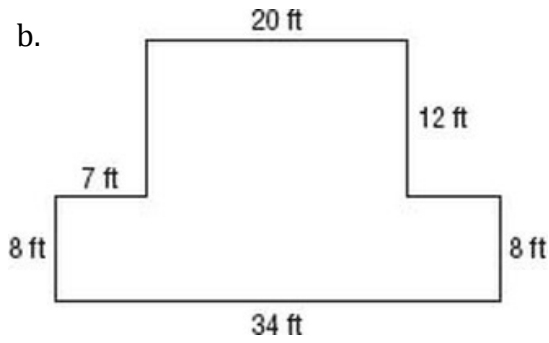


2) Find the area of the following composite figures. **Show all work!**

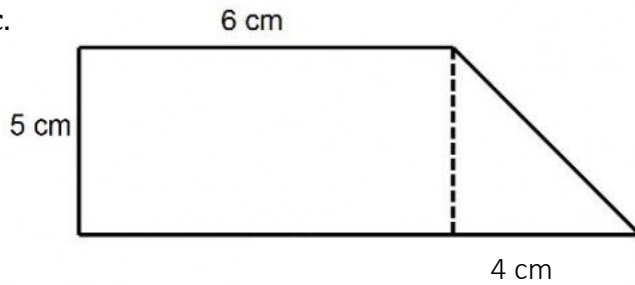
a.



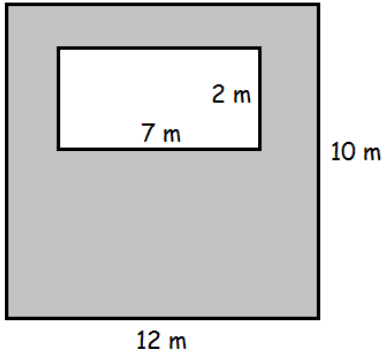
b.



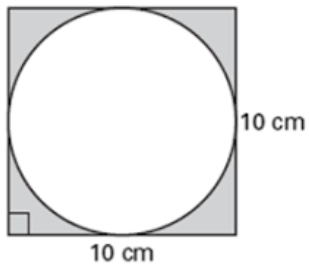
c.



- 3) Find the area of the shaded region in the figure below. **Show all work!**



- 4) The circle below is inscribed in a square. Find the area of the shaded region. Use 3.14 for  $\pi$ . **Show all work!**



- 5) Find the area of the shaded region in the figure below. **Show all work!**

