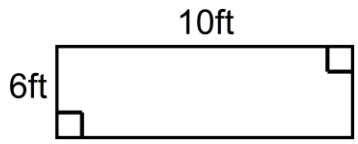
Name: _____
Period: _____ Date: _____

Unit 11 – Area HOMEFUN
Day 1: Area Review

Find the Area of each figure – round to the nearest hundredth.

1.



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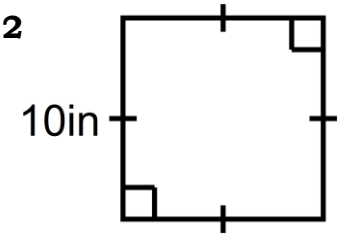

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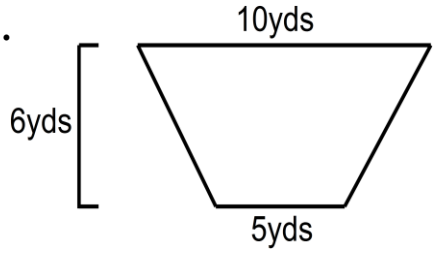

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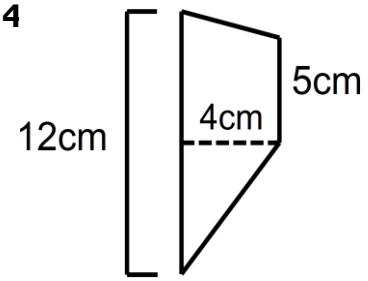

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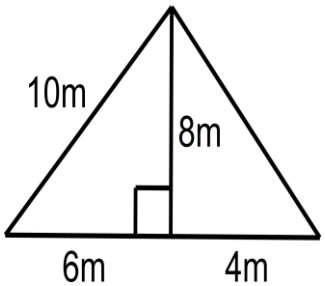
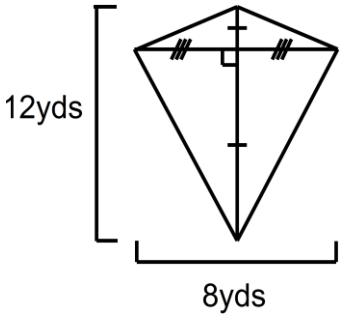


6.



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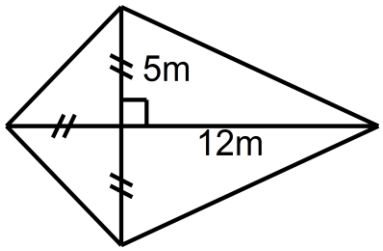

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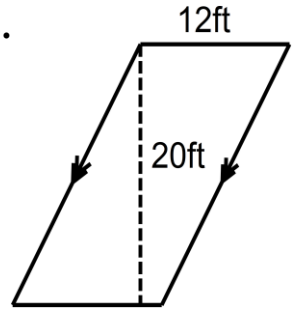
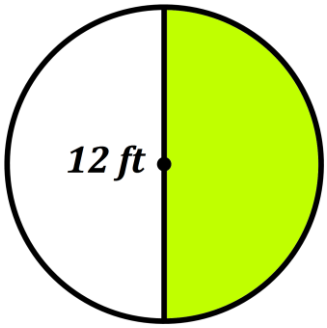


9.



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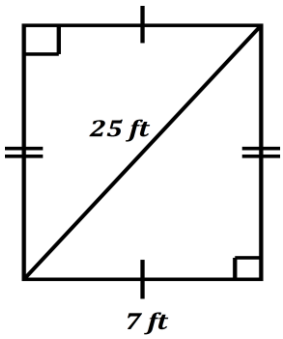

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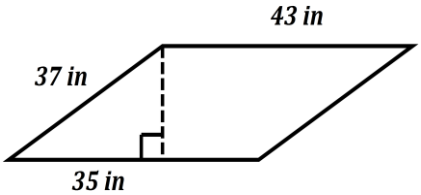

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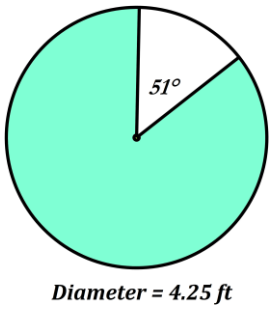
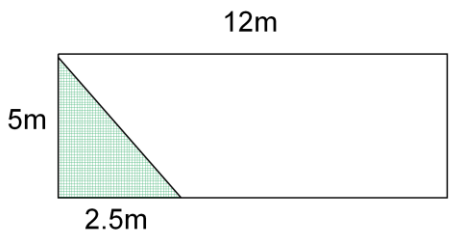


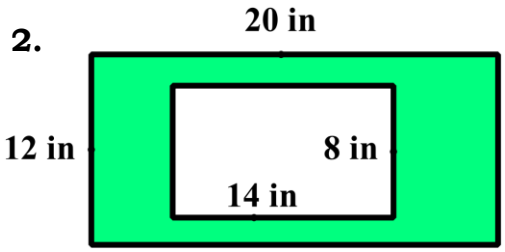
Day 2 – Area of Shaded Figures

Find the area of the shaded region – round to the nearest hundredth.

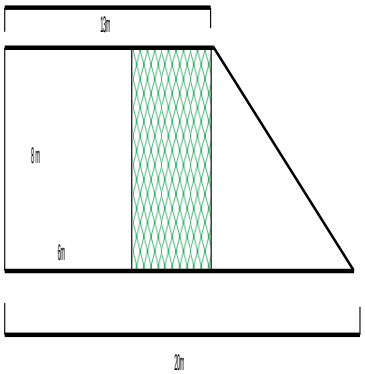
1.



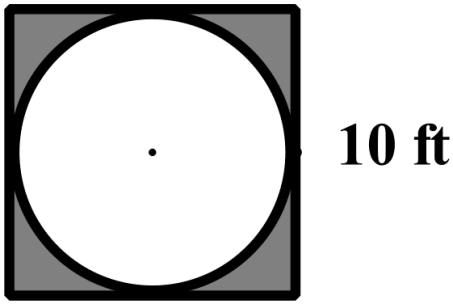
2.



3.



4.



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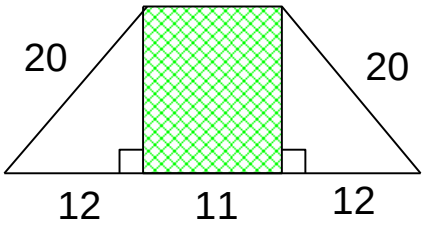
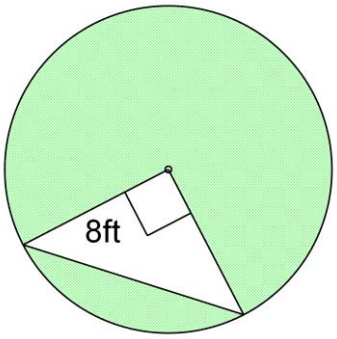
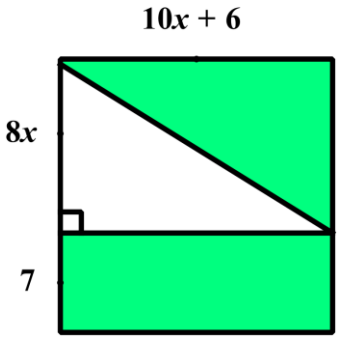


6.



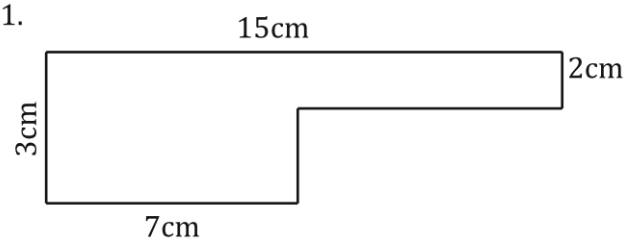
7. Find the area of the shaded region in terms of *x*.



Day 3 – Area of Compound Figures Part 1

<u>Find the area of each shape – round to the nearest hundredth. Yep the numbers are off.</u>

1.



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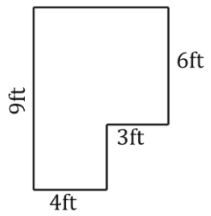
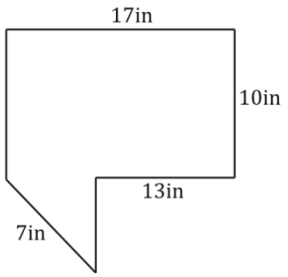
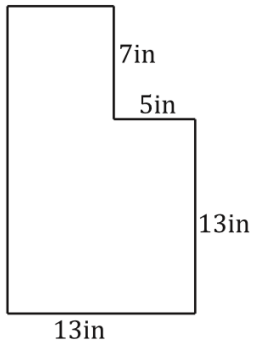


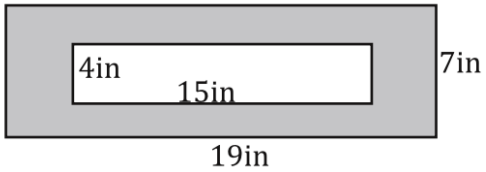
3.



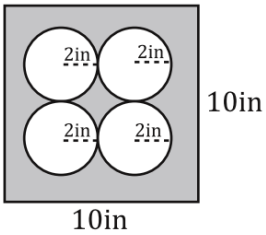
7.



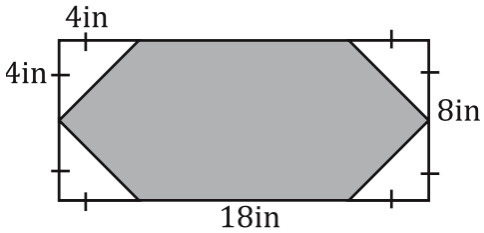
8. Find the shaded area.



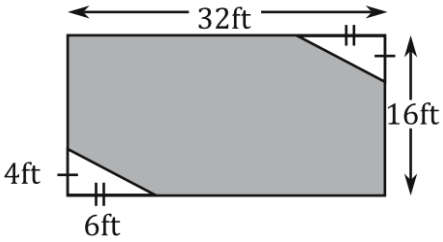
9. Find the shaded area.



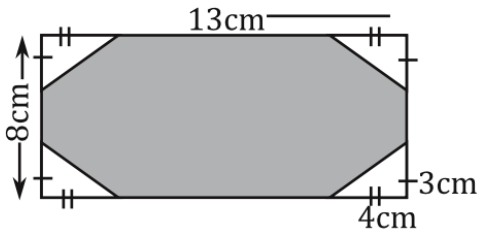
10. Find the shaded area.



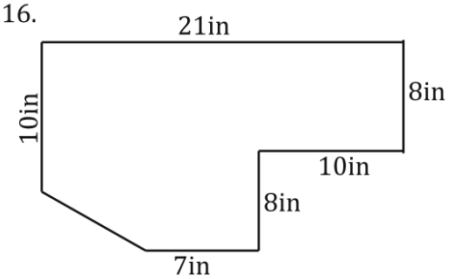
11. Find the shaded area.



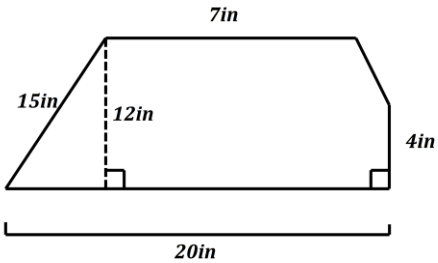
12. Find the shaded area.



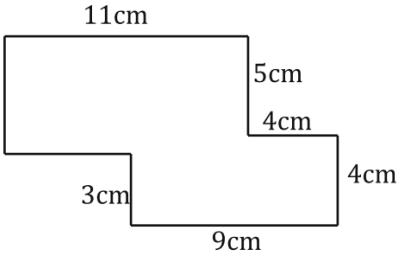
16.



17.



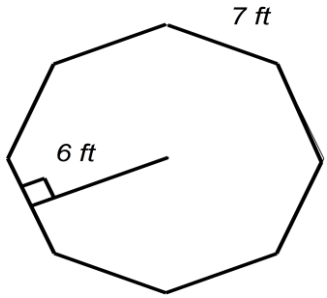
18.



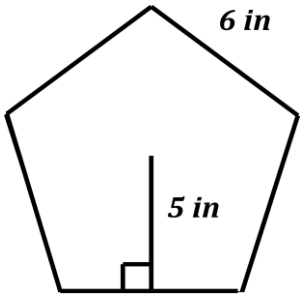
Day 4 – Area of Regular Polygons Part 2

Find the area of the following regular polygons – round to the nearest hundredth.

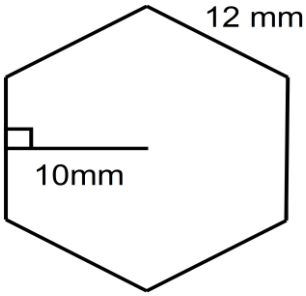
1.



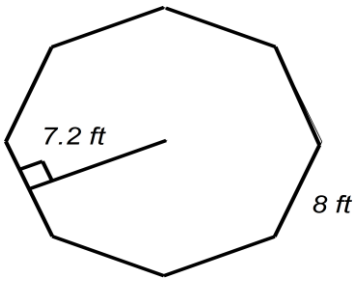
2.



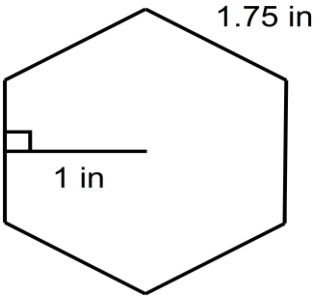
3.



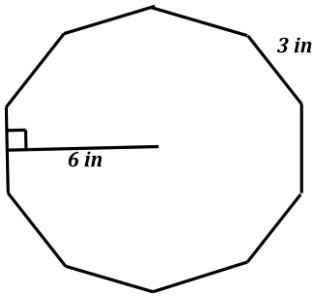
4.



5.



6.



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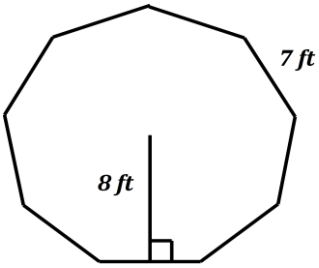
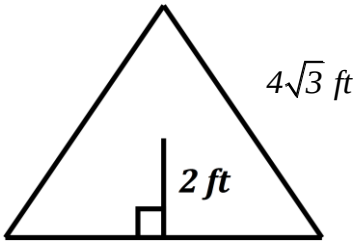
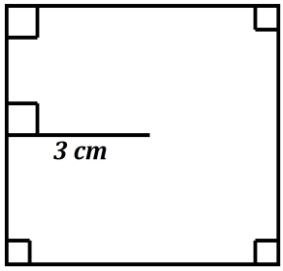


8.



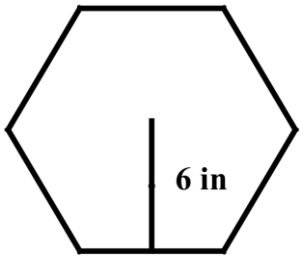
9.



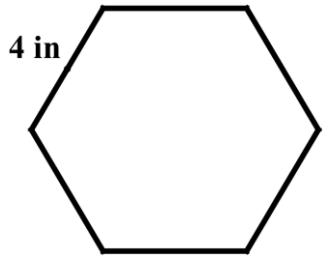
Day 5 Area of Regular Polygons Day 2 Worksheet

Find the area of the following regular polygons – round to the nearest hundredth.

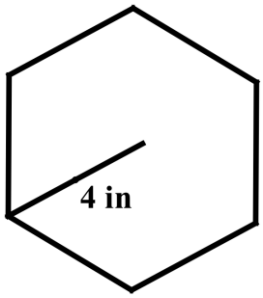
1.



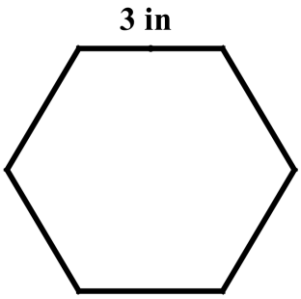
2.



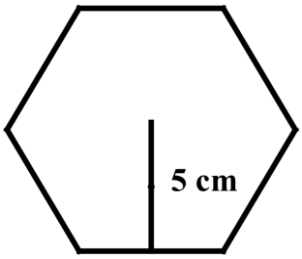
3.



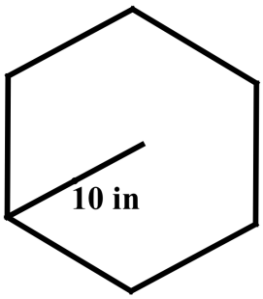
4.



5.



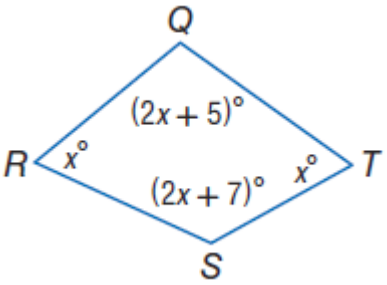
6.



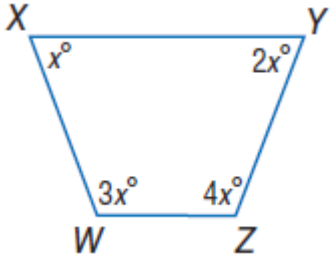
Day 6– Angles of a Polygon

Find the following.

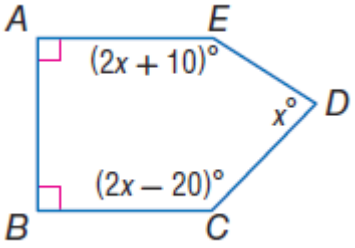
1. $m\angle R =$ _____



2. $m\angle X =$ _____



3. $m\angle D =$ _____

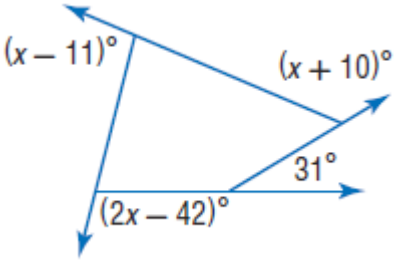


Find the measure of each INTERIOR angle of each regular polygon.

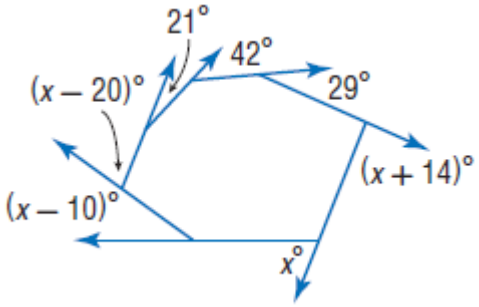
4. Dodecagon (12 sides) **6. Heptagon** **7. 13–gon** **8. 20–gon**

Find the following.

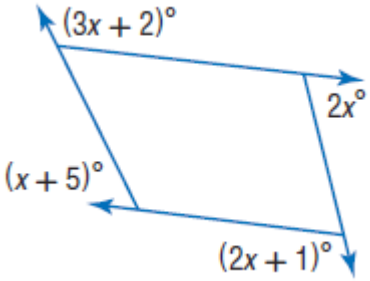
9. $x =$ _____



10. $x =$ _____



11. $x =$ _____



Find the measure of each EXTERIOR angle of each regular polygon.

12. Dodecagon (12 sides) **13. Heptagon** **14. 13–gon** **15. 20–gon**