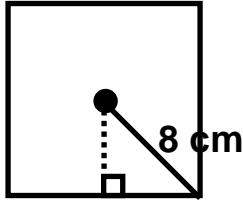
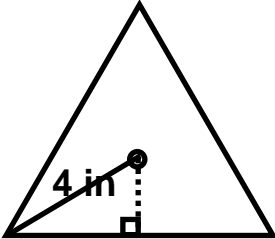
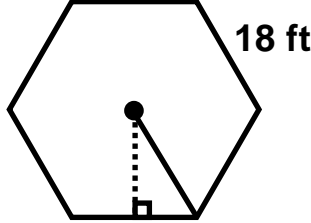
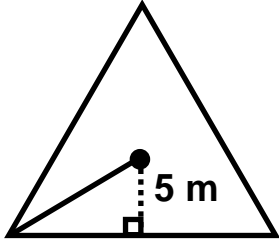
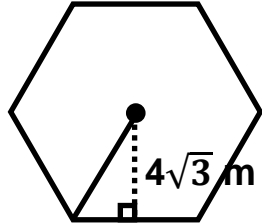
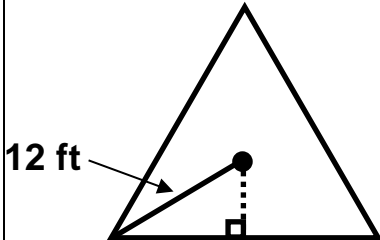


NAME _____ DATE _____ PER. _____

MORE AREA

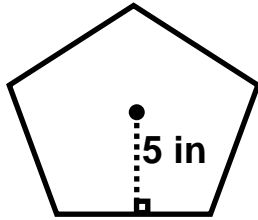
Find the perimeter and area for each of the regular polygons below.

<p>1. P = _____ A = _____</p>	
<p>2. P = _____ A = _____</p>	
<p>3. P = _____ A = _____</p>	
<p>4. P = _____ A = _____</p>	
<p>5. P = _____ A = _____</p>	
<p>6. P = _____ A = _____</p>	

7. P = _____

A = _____

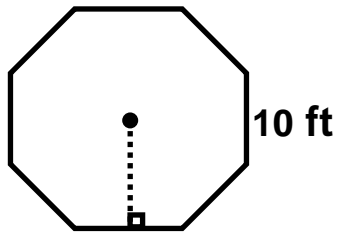
*Round to the nearest thousandth.



8. P = _____

A = _____

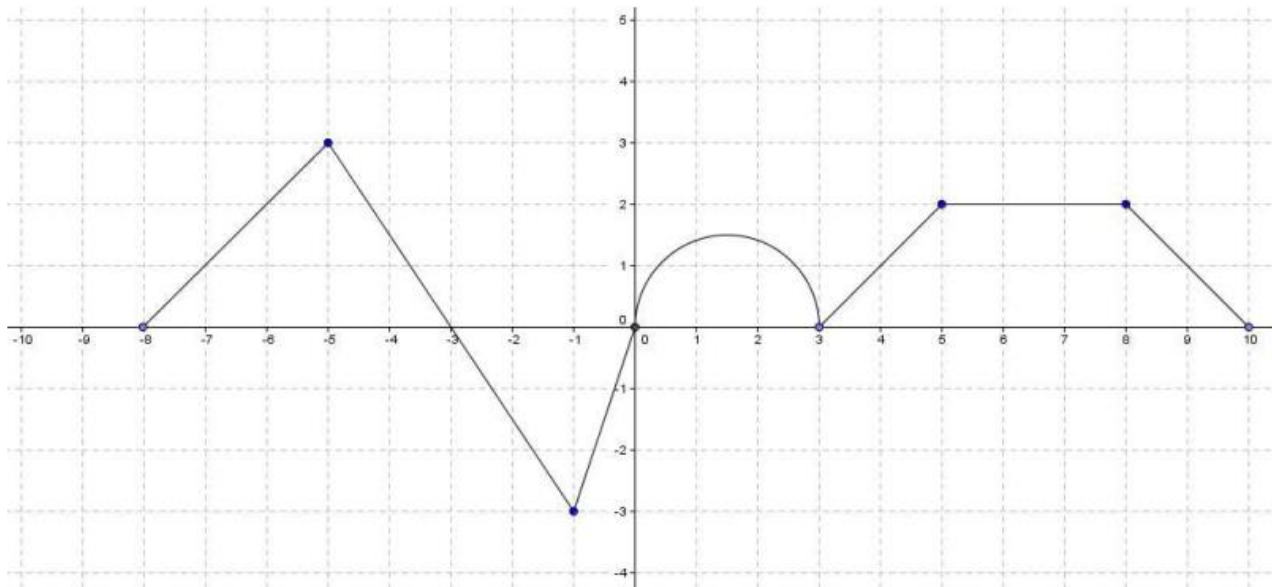
*Round to the nearest thousandth.



9. Find the total area and net area under the curve from $-8 \leq x \leq 10$.

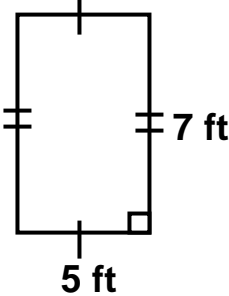
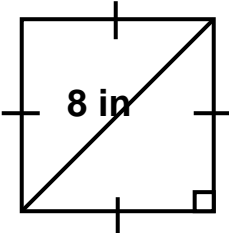
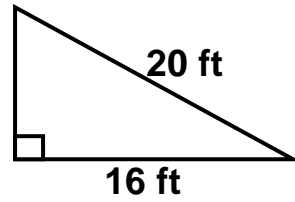
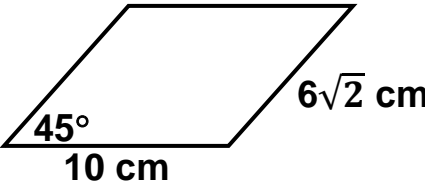
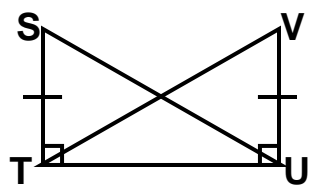
Total Area = _____

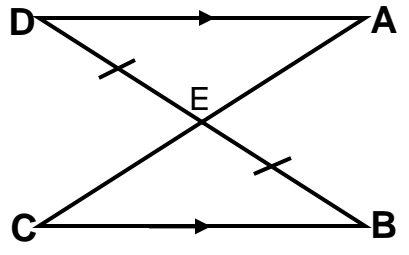
Net Area = _____



REVIEW

Find the area of each of the following polygons.

<p>10. A = _____</p>	
<p>11. A = _____</p>	
<p>12. A = _____</p>	
<p>13. A = _____</p>	
<p>14. _____</p>	<p>Which postulate or theorem justifies the congruence statement $\triangle STU \cong \triangle VUT$?</p> <ul style="list-style-type: none"> A. ASA B. SSS C. HL D. SAS 

<p>15. _____</p>	<p>Which of the following congruence statements is true?</p> <p>F. $\angle A \cong \angle B$ G. $\overline{CE} \cong \overline{DE}$ H. $\triangle AED \cong \triangle CEB$ J. $\triangle AED \cong \triangle BEC$</p> 
<p>16. _____</p>	<p>In $\triangle RST$, $RT = 6y - 2$. In $\triangle UVW$, $UW = 2y + 7$. $\angle R \cong \angle U$, and $\angle S \cong \angle V$. What must be the value of y in order to prove that $\triangle RST \cong \triangle UVW$?</p> <p>A. 1.25 B. 2.25 C. 9.0 D. 11.5</p>
<p>17. _____</p>	<p>What is the approximate length of \overline{MN} when the coordinates of its endpoints are $(-4, 5)$ and $(-6, 9)$?</p> <p>A. 2.4 units C. 10.8 units B. 4.5 units D. 17.2 units</p>
<p>18. _____</p>	<p>What is the equation of the line that passes through the points $(-4, 1)$ and $(4, -6)$?</p> <p>F. $y = -\frac{7}{8}x - \frac{5}{2}$ H. $y = -\frac{8}{7}x + \frac{25}{7}$ G. $y = -\frac{7}{8}x + \frac{9}{2}$ J. $y = -\frac{8}{7}x - \frac{20}{7}$</p>
<p>19. _____</p>	<p>What is the value of 'x' in the following diagram?</p> <p>F. 90 G. 70 H. 20 J. 10</p> 