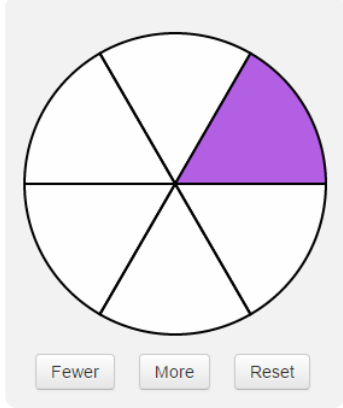
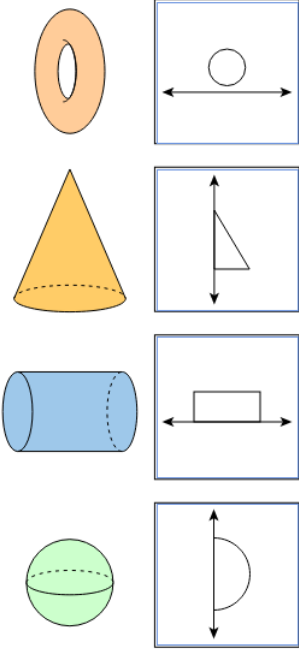
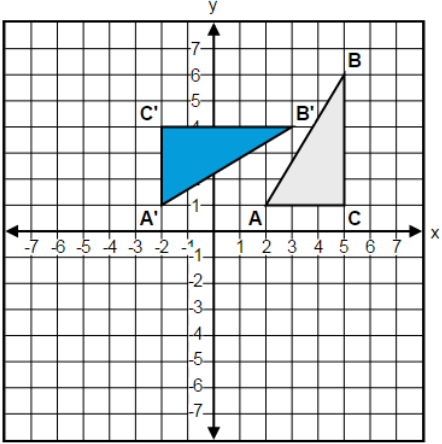
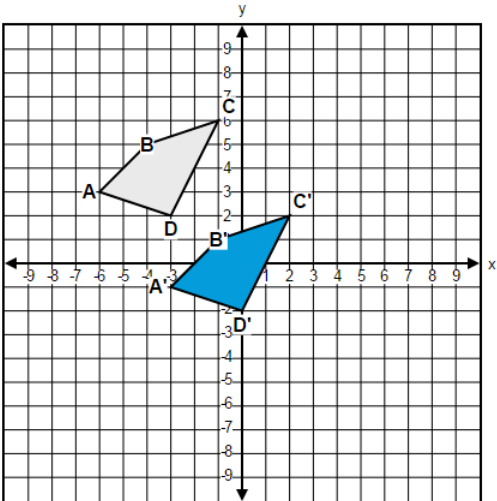
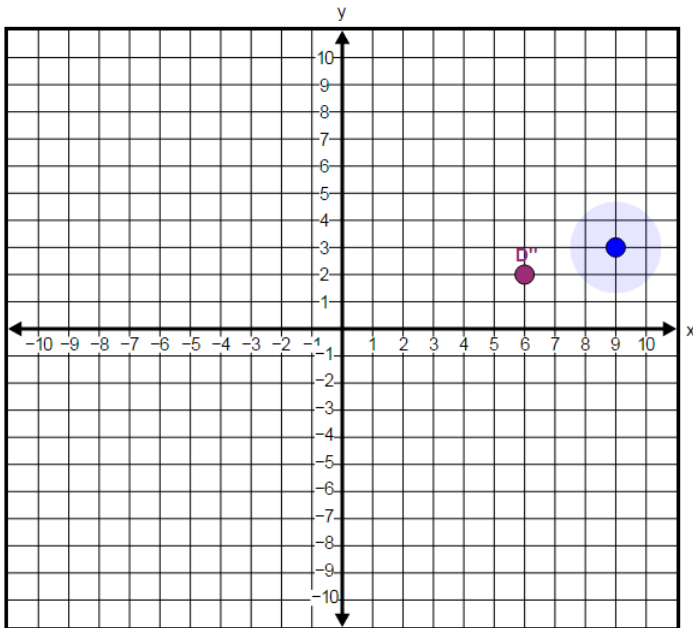


Item Number	Answer Key	Evidence Statement Key	Integrated Course Alignment
1.		G-C.B	Math 3
2.	A, B, E, F	G-CO.3	Math 1
3.	B, C, E, F	G-SRT.1b	Math 2
4.	radius = 3 units center : (5, -1)	G-GPE.1-2	Math 3
5.	Part A: D Part B: C	G-CO.5	Math 1
6.	7.2	G-SRT.5	Math 2
7.	$b = \pi r$, $h = r$	G-GMD.1	Math 2
8.	Part A: 3 Part B: C	G-GPE.1-2	Math 3
9.	The value of x is 25 .	G-SRT.5	Math 2
10.	A	G-SRT.1a	Math 2

11.		G-GMD.4	Math 3
12.	<input data-bbox="267 865 1058 928" type="text" value="(3.5, -0.5)"/>	G-GPE.6	Math 3
13.	Part A: A Part B: 12000	G-Int.1	Math 3
14.		G-CO.5	Math 1
15.	31	G-GMD.3	Math 2
16.	A	G-SRT.2	Math 2

17.	<table border="1"> <thead> <tr> <th></th> <th>Will be the Same</th> <th>Will Not be the Same</th> </tr> </thead> <tbody> <tr> <td>The coordinates of A'</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>The coordinates of C'</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>The perimeter of $\triangle A'B'C'$</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>The area of $\triangle A'B'C'$</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>The measure of $\angle B'$</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>The slope of $\overline{A'C'}$</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>		Will be the Same	Will Not be the Same	The coordinates of A'	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The coordinates of C'	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The perimeter of $\triangle A'B'C'$	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The area of $\triangle A'B'C'$	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The measure of $\angle B'$	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The slope of $\overline{A'C'}$	<input checked="" type="checkbox"/>	<input type="checkbox"/>	G-CO.6	Math 1
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The slope of $\overline{A'C'}$	<input checked="" type="checkbox"/>	<input type="checkbox"/>																						
18.	Part A: D Part B: B	G-CO.C	Math 1																					
19.	7.3	G-GPE.6	Math 3																					
20.	Part A: The measure of $\angle ACD$ is <input type="text" value="a third"/> the measure of $\angle ADC$. Part B: The measure of $\angle ADC$ is <input type="text" value="equal to"/> the measure of $\angle BCD$.	G-C.2	Math 3																					
21.	Part A: B, C, D Part A: C	G-CO.D	Math 3																					
22.	Part A: 335 or 334 Part B: 378 Part C: 6.5 or 6.4 Part D: 7	G-Int.1	Math 3																					
23.	Part A: 	G-CO.5	Math 1																					

Part B:



	<p>Part B:</p>		
24.	<p>Part A: 12 Part B: 12.7 or 12.6 or 12.8</p>	G-Int.1	Math 3
25.	<p>Part A: C, E Part B: If the opening of the compass is <input type="text" value="equal to XY"/> , then $\triangle XYZ$ will be equilateral.</p>	G-CO.D	Math 3
26.	B, D	G-CO.1	Math 1
27.	22 or 23	G-SRT.8	Math 2
28.	C, E, F, G	G-SRT.7-2	Math 2
29.	<p>Part A: 6 Part B: 46 or 47</p>	G-SRT.8	Math 2
30.	<p>Part A: 136 Part B: 68</p>	G-C.2	Math 3
31.	<p>Part A: <input type="text" value="Let D be the midpoint of line segment AC"/> because <input type="text" value="every segment has exactly one midpoint"/>.</p>	G-CO.C	Math 1

	<p>Part B:</p> <p>line segment BD is congruent to line segment BD because of the reflexive property of congruence.</p> <p>Part C:</p> <p>triangle ABD is congruent to triangle CBD because of the Side Side Side congruence postulate.</p> <p>Part D: C</p>		
32.	30	G-C.2	Math 3
33.	A, B, C, D, F	G-CO.6	Math 1
34.	<p>Part A: B</p> <p>Part B: D, H</p> <p>Part C:</p> <p>The reason for the statement in step 2 is that if two parallel lines are cut by a transversal, then alternate interior angles are congruent.</p> <p>Part D:</p> <p>The appropriate reason for the statement in step 5 is the substitution property of equality.</p>	G-CO.C	Math 1