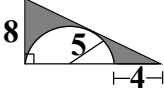

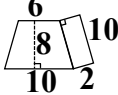

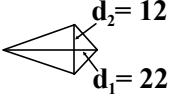
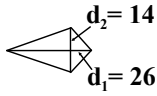
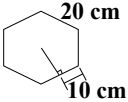
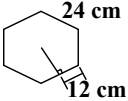
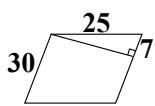
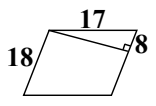
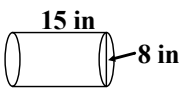
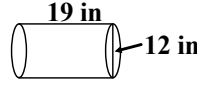
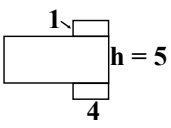
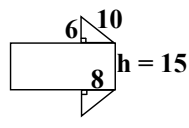
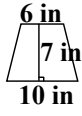


Looking Ahead: Geometry Units 9 & 10

The questions below are examples of the type of questions you'll see on your **Semester 2 Final**. This is how these tests will ask you to apply your skills from **Units 9 & 10**, as well as your common sense math skills. They are structured in a way that is deliberately complicated, but the skills are the same as what you have learned up to this point.

Semester 2 Final Examples

<p>1.</p>	<p>Find the shaded area. Leave your answer in terms of π.</p> 	<p>2.</p>	<p>Find the shaded area. Leave your answer in terms of π.</p> 
<p>3.</p>	<p>Determine the area of the composite figure.</p> 	<p>4.</p>	<p>Determine the area of the composite figure.</p> 
<p>5.</p>	<p>Determine the volume of a right rectangular prism with height 6 cm, length 9 cm, and width 2 cm.</p>	<p>6.</p>	<p>Determine the volume of a right rectangular prism with height 12 cm, length 6 cm, and width 4 cm.</p>
<p>7.</p>	<p>Determine the volume of a rectangular pyramid with a height of 16 in, a length of 9 in, and a width of 8 in.</p>	<p>8.</p>	<p>Determine the volume of a rectangular pyramid with a height of 18 in, a length of 5 in, and a width of 2 in.</p>
<p>9.</p>	<p>Determine the area of the kite.</p> 	<p>10.</p>	<p>Determine the area of the kite.</p> 
<p>11.</p>	<p>The regular hexagon has a side length of 20. Determine its area.</p> 	<p>12.</p>	<p>The regular hexagon has a side length of 24. Determine its area.</p> 

<p>13. Determine the area of the parallelogram.</p> 	<p>14. Determine the area of the parallelogram.</p> 
<p>15. Determine the surface area in terms of pi.</p> 	<p>16. Determine the surface area in terms of pi.</p> 
<p>17. Determine the volume of a sphere with a diameter of 18 ft. Leave your answer in terms of pi.</p>	<p>18. Determine the volume of a sphere with a diameter of 60 ft. Leave your answer in terms of pi.</p>
<p>19. Determine the surface area of a right cone with a height of 16 and a radius of 12. Leave your answer in terms of π.</p>	<p>20. Determine the surface area of a right cone with a height of 24 and a radius of 7. Leave your answer in terms of π.</p>
<p>21. The net of a rectangular prism is shown below. What is the lateral area?</p> 	<p>22. The net of a prism is shown below. What is the lateral area?</p> 
<p>23. Determine the area of the trapezoid.</p> 	<p>24. Determine the area of the trapezoid.</p> 