

Name _____

Date _____

30-60-90

Find each indicated variable. All answers should be in simplest radical form.

<p>Handwritten: $8\sqrt{3}$ (next to x), 16 (next to y)</p>	<p>Handwritten: $6\sqrt{3}$ (below x)</p>	<p>Handwritten: $5\sqrt{3}$ (above x), 15 (next to y)</p>
<p>Handwritten: 21 (next to y), x (above hypotenuse)</p>	<p>Handwritten: $\frac{9}{2}$ (above x), $\frac{9\sqrt{3}}{2}$ (next to y)</p>	<p>Handwritten: $4\sqrt{3}$ (next to y), $8\sqrt{3}$ (next to x)</p>
<p>Handwritten: $16\sqrt{6}/3$ (next to y)</p> <p>Circled note: $\frac{8\sqrt{2}}{\sqrt{3}} = \frac{8\sqrt{6}}{3}$</p>	<p>Handwritten: $18\sqrt{2}$ (above x), $6\sqrt{6}$ (below y)</p>	<p>Handwritten: 10 (next to x), $5\sqrt{3}$ (next to y)</p>

