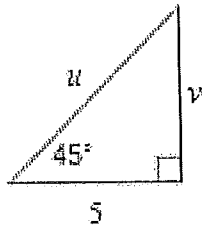


Name: _____

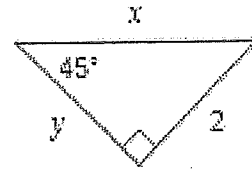
Special Right Triangle Homework

Find the missing side lengths. Leave your answers as radicals in simplest form.

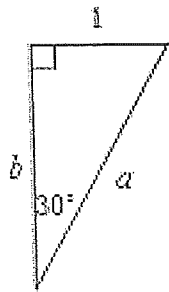
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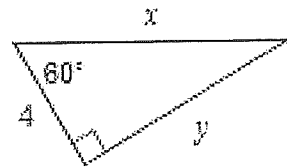
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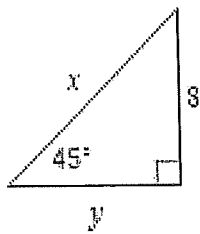
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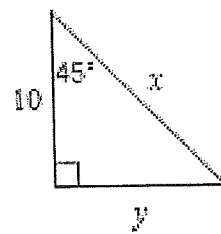
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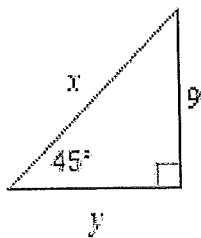
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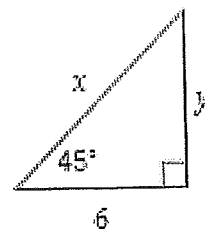
6)



7)

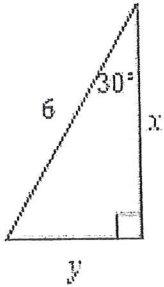


8)

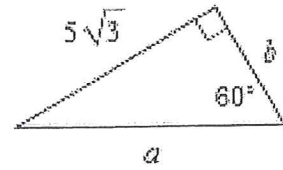


Find the missing side lengths. Leave your answers as radicals in simplest form.

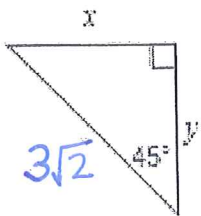
1)



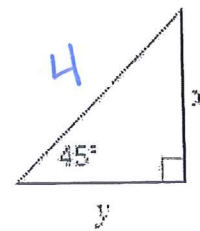
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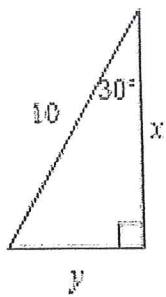
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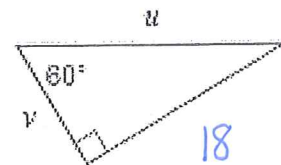
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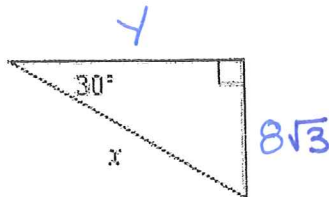
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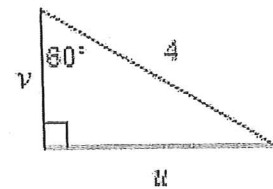
6)



7)



8)



Key Special Right Triangle HW

1. $u = 5\sqrt{2}$, $v = 5$

2. $x = 2\sqrt{2}$, $y = 2$

3. $a = 2$ $b = \sqrt{3}$

4. $x = 8$, $y = 4\sqrt{3}$

5. $x = 8\sqrt{2}$, $y = 8$

6. $x = 10\sqrt{2}$, $y = 10$

7. $x = 9\sqrt{2}$, $y = 9$

8. $x = 6\sqrt{2}$, $y = 6$

Page 2 (Back Side)

1. $x = 3\sqrt{3}$ $y = 3$

2. $a = 10$ $b = 5$

3. $x = 3$ $y = 3$

4. $x = 2\sqrt{2}$ $y = 2\sqrt{2}$

5. $x = 5\sqrt{3}$ $y = 5$

6. $u = 6\sqrt{3}$ $v = 12\sqrt{3}$

7. $x = 4\sqrt{3}$ $y = 24$

8. $u = 2\sqrt{3}$ $v = 2$