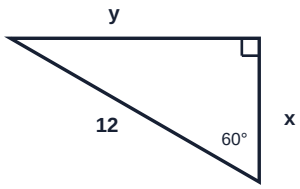
Name: _____ Date: _____

Special Right Triangles

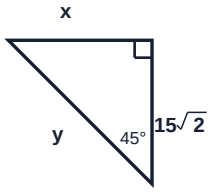
Use the angle measures to choose a side ratio. Show your work and give exact answers in simplest radical form.

1. Find x and y. Show the side-ratio calculation.



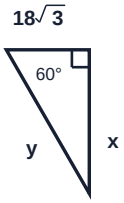
Ratio, calculation and exact answer:

2. Find x and y. Show the side-ratio calculation.



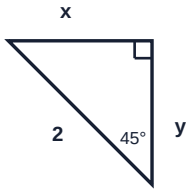
Ratio, calculation and exact answer:

3. Find x and y. Show the side-ratio calculation.



Ratio, calculation and exact answer:

4. Find x and y. Show the side-ratio calculation.



Ratio, calculation and exact answer:

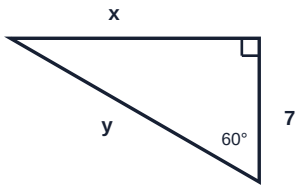
Diagrams are not to scale. Use the stated facts and marks.

Name: _____ Date: _____

Special Right Triangles

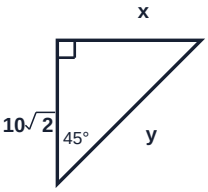
Use the angle measures to choose a side ratio. Show your work and give exact answers in simplest radical form.

5. Find x and y. Show the side-ratio calculation.



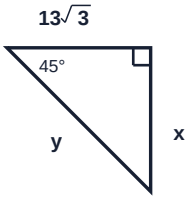
Ratio, calculation and exact answer:

6. Find x and y. Show the side-ratio calculation.



Ratio, calculation and exact answer:

7. Find x and y. Show the side-ratio calculation.



Ratio, calculation and exact answer:

8. Find x and y. Show the side-ratio calculation.



Ratio, calculation and exact answer:

Diagrams are not to scale. Use the stated facts and marks.