## Week 9 Tues <br> $2^{\text {nd }}$ Semester

Geometry Warm-up

## Simplify

1) $\sqrt{9+49}$
2) $(4 \sqrt{3})^{2}$
3) $(\sqrt{3})(7 \sqrt{2})$
4) $\frac{\sqrt{12}}{\sqrt{2}}$

Find $x$ to the nearest tenth.
5.


Find $x$ to nearest degree.
6.

7. Find the area. Please leave in simplified radical form.


Find $x$ to the nearest tenth.

2.


Find the area of the following figure.
3.


Simplify
$\begin{array}{llll}\text { 4. } \sqrt{9+16} & \text { 5. }(7 \sqrt{2})^{2} & \text { 6. }(5 \sqrt{3})(7 \sqrt{6}) & \text { 7. } \frac{\sqrt{24}}{\sqrt{3}}\end{array}$

