Math 2
Unit 5 Day 4 Notes - Solving Right Triangles Cont.
Solving Right Triangles - Finding ALL that is missing: Examples:

SOH sat TaN

$$
\frac{\sin 21}{1}=\frac{x}{12}
$$

$$
x^{x=12 \sin 21}
$$

$$
y \quad x
$$

$$
\begin{array}{r}
\begin{array}{r}
4.33^{x}+y^{2}=12^{2} \\
-4.3^{2} \\
-4.3^{2}
\end{array} \\
\sqrt{y^{2}}=\sqrt{125.51}
\end{array}
$$

(2) $y \approx 11.2$
(3) $z=69^{\circ}$
3.
4.


$$
15.7^{2}+\varepsilon^{2}=y^{2}
$$

2. 

$15.7=x$


$$
x=8 \tan 63
$$

$$
\text { (1) } x \approx 15.7
$$


(3) $z \approx 5.7$
5.

6.


$$
\frac{\begin{array}{r}
3 c^{x}+z^{2}= \\
-28^{2} \\
-38^{2}
\end{array}}{\sqrt{z^{x}}=\sqrt{1056}}
$$

(3) $z \approx 32.5$

## Unit 5 Day 5 HW

1. 




3.


