## 8-2 Solve It!



## 8-2 Lesson Quiz

1. What is the value of $h$ ?

2. What is the value of $x$ ?

3. Do you UNDERSTAND? A company logo is shaped like an equilateral triangle with 2-in.-long sides. What is the height of the logo? Round to the nearest tenth.
4. What is the value of $a$ ?


## Answers

## Solve It!

## Lesson Quiz

1960.7 yd;

1. $8 \sqrt{2}$
$150+150+150 \sqrt{2}+$
$300 \sqrt{2}+300+300 \sqrt{2}+300$
2. $12 \sqrt{2}$

Total:
$900+750 \sqrt{2} \approx 1960.7 \mathrm{yd}$
3. 1.7 in .
4. $8 \sqrt{3}$

