

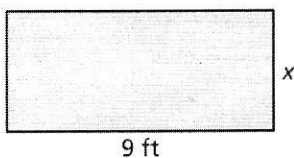
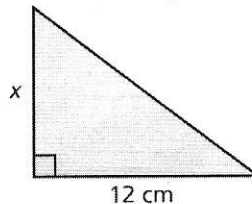
## 7.1

## Practice

Name \_\_\_\_\_ Date \_\_\_\_\_

**Write the word sentence as an equation.**1. A number  $n$  squared plus 7 is 23. \_\_\_\_\_2. Ten decreased by a number  $p$  squared is 9. \_\_\_\_\_3. A number  $x$  minus another number  $y$  is equal to 8. \_\_\_\_\_4. A number  $x$  squared plus another number  $y$  squared equals 4. \_\_\_\_\_5. 23 is the quotient of a number  $t$  and 61. \_\_\_\_\_6. 46 less than  $a$  number is 33. \_\_\_\_\_**Write an equation that can be used to find the value of  $x$ .**

7. Area of rectangle: 36 ft

8. Area of triangle:  $108 \text{ cm}^2$ 9. You want to put 520 quarters in coin wrappers. You need one wrapper for every \$10 in quarters. Write an equation you can use to find how many wrappers  $w$  you need.10. You use a metal detector at the beach. You find 2 quarters, 12 dimes, and 23 pennies. Write an equation you can use to find how many more pennies  $p$  you need to find in order to have a total of \$2.00.