____ 24. Use the Pythagorean Theorem to find the missing measure.

9 m | triangle with legs 9 m (vertical), 12 m (horizontal), hypotenuse c

12 m

a. 7.94 m   c. 21 m
b. 225 m   d. 15 m

____ 25. Use the Pythagorean Theorem to find the missing measure.

a | triangle with vertical leg a, hypotenuse 20 in., horizontal leg 16 in.

20 in.

16 in.

a. 144 in.   c. 12 in.
b. 4 in.   d. 25.61 in.

____ 26. Use the Pythagorean Theorem to find the missing measure.

a | triangle with vertical leg a, hypotenuse 5 m, horizontal leg 4 m

5 m

4 m

a. 6.4 m   c. 1 m
b. 3 m   d. 9 m

____ 27. Use the Pythagorean Theorem to find the missing measure.

10 in. | triangle with vertical leg 10 in., hypotenuse 26 in., horizontal leg b

26 in.

b

a. 27.86 in. c. 16 in.
b. 576 in.   d. 24 in.

_____ 28. Use the Pythagorean Theorem to find the missing measure.

a. 10.91 in.
b. 13 in.

c. 17 in.
d. 169 in.

_____ 29. Use the Pythagorean Theorem to find the missing measure.
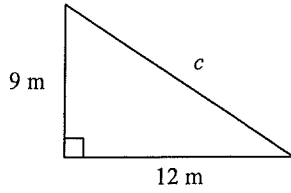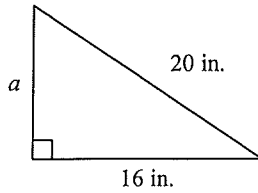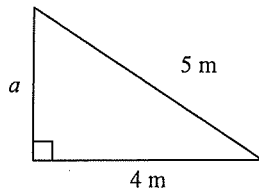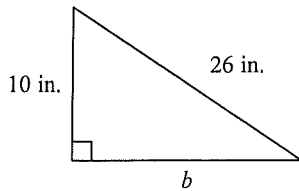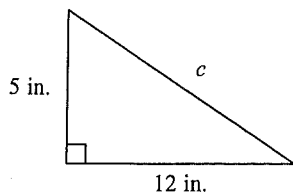

a. 6 ft
b. 2 ft

c. 36 ft
d. 12.81 ft

_____ 30. Use the Pythagorean Theorem to find the missing measure.

a. 10.91 m
b. 169 m

c. 13 m
d. 17 m

_____ 31. Use the Pythagorean Theorem to find the missing measure.
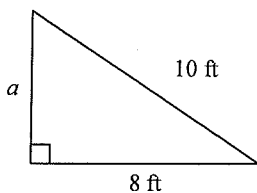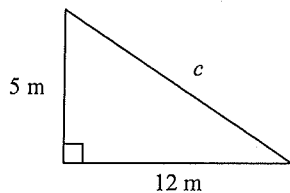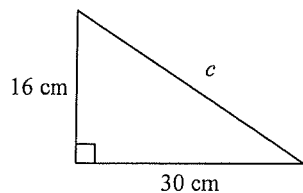

a. 46 cm
b. 1,156 cm

c. 25.38 cm
d. 34 cm