

NICE ANSWERS

Find the missing side. Write the equation or give the "Pythagorean Triple" used.

1.
 $6^2 + 8^2 = x^2$
 $10 = x$
2.
 $x^2 + 18^2 = 30^2$
 $x = 24$
3.
 $x^2 + 30^2 = 50^2$
 $x = 40$
4.
 $x^2 + 16^2 = 20^2$
 $x = 12$
5.
 $24^2 + 32^2 = x^2$
 $40 = x$
6.
 $15^2 + x^2 = 25^2$
 $x = 20$
7.
 $10^2 + 24^2 = x^2$
 $26 = x$
8.
 $x^2 + 9^2 = 15^2$
 $x = 12$
9.
 $15^2 + x^2 = 39^2$
 $x = 36$
10.
 $3^2 + 4^2 = x^2$
 $5 = x$
11.
 $24^2 + 7^2 = x^2$
 $25 = x$
12.
 $16^2 + x^2 = 34^2$
 $x = 30$

UGLY ANSWERS

Find the missing side. Write the equation used. Round answers to 1 decimal place.

13.
 $6^2 + 20^2 = x^2$
 $20.9 = x$
14.
 $8^2 + 8^2 = x^2$
 $11.3 = x$
15.
 $3^2 + 8^2 = x^2$
 $8.5 = x$
16.
 $12^2 + x^2 = 20^2$
 $x = 16$
17.
 $4^2 + 5^2 = x^2$
 $6.4 = x$
18.
 $x^2 + 3^2 = 6^2$
 $x = 5.2$
19.
 $x^2 + 10^2 = 14^2$
 $x = 9.8$
20.
 $x^2 + 15^2 = 20^2$
 $x = 13.2$