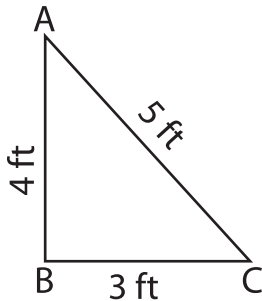Name : _____

## Identify the right triangles
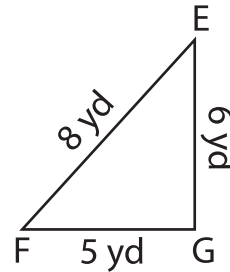
Apply the Pythagorean theorem. Find whether each triangle has a right angle.

1)
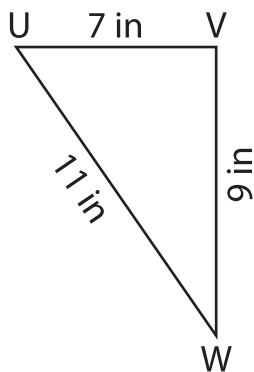


A
5 ft
4 ft
B    3 ft    C

2)



E
8 yd    6 yd
F    5 yd    G

_____

3)



U    7 in    V
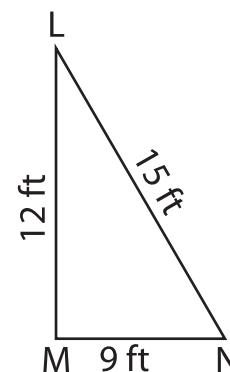11 in    9 in
W

4)



L
12 ft    15 ft
M    9 ft    N

_____

5)  In triangle XYZ, the sides XY, YZ and XZ measure 12 ft, 16 ft and 20 ft respectively.
    Prove that XYZ is a right triangle.

_____

6)  In triangle PQR, the sides PQ, QR and PR measure 15 in, 20 in and 25 in respectively.
    Prove that PQR is a right triangle.

_____