1.

sin30° = c = 1/2

2.

cos45° = n/a

3.

tan45° = b = 1

4.

sec60° = g = 2

5.

csc60° = n/a

7.

sinA = 21/29
cosA = 20/29
tanA = 20/21

25.

sec39°

90°-39° = 51° = csc51°

27.

sin38.7°

90°-38.7° = 51.3° = cos51.3°

31.

tan∝=cot(∝+10°)

2∝+10=90° tan40° = cot50°

-10 -10

2∝=80°
/2 /2

∝ = 40°

33.

sin(2θ+10°)=cos(3θ+20°)

2θ+10°+3θ-20°=90° sin50° = cos40°

5θ-10°=90° θ=20°

+10° +10°

5θ/5 = 100°/5 2θ+10°=50°

3θ-20°=40°

49.

tan30° = o/a = 1/sqrt(3)

51.

sin30° = o/h = 1/2

56.

sec45° = h/a = sqrt(2)/1 = sqrt(2)

62.

cos60° = a/h = 1/2

74.

cos60°=24/12

tan60°=12(sqrt(3))/12

sin45°=12(sqrt(3))/12(sqrt(3))(sqrt(2))

a = 12
b = 12(sqrt(3))
c = 12(sqrt(5))
d = 12(sqrt(3))

77.

s = 1
1^2 = 1
1/2 = 1/2
s(area) = 1/2