Six Trigonometric Ratios

Use the given point on the terminal side of an angle θ in standard position to find the exact values of six trigonometric ratios.

1) (12, −20)

sin θ = _____   cosec θ = _____

cos θ = _____   sec θ = _____

tan θ = _____   cot θ = _____

2) (−6, −8)

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3) (−24, 7)

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4) (5, 12)

sin θ = _____   cosec θ = _____

cos θ = _____   sec θ = _____

tan θ = _____   cot θ = _____