Calculaugh #55 Name: _____

1) $\int \frac{2}{x^2+1}dx$	2) $\int \frac{2}{\sqrt{1-4x^2}}dx$	3) $\int \frac{1}{9x^2+9}dx$	4) $\int \frac{3}{9x^2+1}dx$
5) $\int \frac{1}{\sqrt{1-25x^2}}dx$	6) $\int \frac{1}{\sqrt{4-4x^2}}dx$	7) $\int \frac{8x}{\sqrt{1-4x^2}}dx$	8) $\int \frac{2x}{x^2+1}dx$
9) $\int \frac{1}{\sqrt{25-x^2}}dx$	10) $\int \frac{3}{x^2+9}dx$	11) $\int \frac{1}{\sqrt{25-4x^2}}dx$	12) $\int \frac{1}{4x^2+9}dx$

Find an anti-derivative for the indefinite integrals above. Show all work below.