**9A Differentiating Sine & Cosine**

Small angle notes

Differentiating Sine from First Principles

Differentiating Sin(kx) from First Principles

1. Find $\frac{dy}{dx}$ given that:

$$y=sin2x$$

$$y=3sin2x$$

$$y=3cosx+2sin4x$$

1. A curve has equation:

$$y=\frac{1}{2}x-cos2x$$

Find the stationary points on the curve in the interval $0\leq x\leq π$.