

Trigonometric functions I

1. Sketch the graph

$$y = 2 \sin(2x - \pi) + 3$$

2. State the transformations which map:

a.

$$y = \sin x \text{ onto } y = -3 + \sin(x + 2)$$

b.

$$y = \sin x \text{ onto } y = \frac{1}{2} \sin x$$

3. Find function

