Practice worksheet | Integration techniques and applications

Areas

Name: _____ Date: _____

6 questions | 12 marks

1. Find the area between y=x squared and y=2x. [2 marks]

2. Find the area under y=4-x squared above the x axis. [2 marks]

3. Find the area between y=|x| and the axis on [-1,1]. [2 marks]

4. Find the area between y=x and y=sin x on [0,pi]. [2 marks]

5. Find area between x=y squared and x=4 for 0<=y<=2. [2 marks]

6. A student reports area zero between y=x cubed and the x axis on [-1,1]. Correct the result. [2 marks]