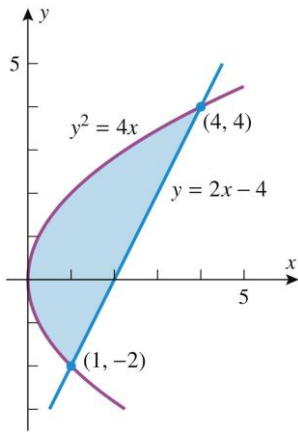


Area Between 2 Curves Part 2 (Section 6.1)



Exercise Set 6.1 Figure Ex-6
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Steps for Finding Area

1. _____

Vertical Cross Section

Horizontal Cross Section

2. _____

2. _____

3. _____

3. _____

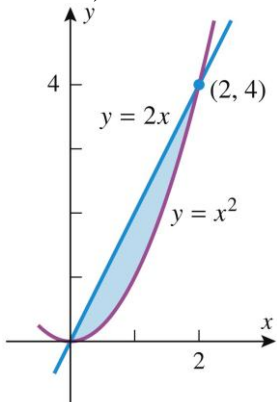
4. _____

4. _____

5. _____

5. _____

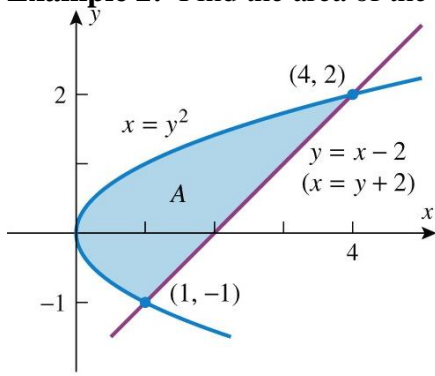
Example 1: Find the area of the shaded region by integrating with respect to y (horizontal cross section).



Exercise Set 6.1 Figure Ex-5
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Area Between 2 Curves Part 2 (Section 6.1)

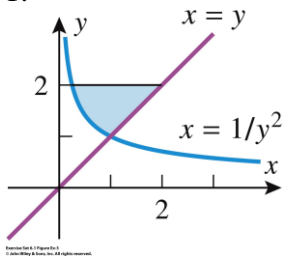
Example 2: Find the area of the shaded region using either horizontal or vertical cross sections.



Class Work

Find the area of the shaded region.

1.



2.

