Area between two curves

Name _____ Date _____

1. the area between $y = -2x^2 + 7x - 8$ and $y = -3x + 4$: _____

2. the area between $y = -2x^2 + 13x - 18$ and $y = x - 2$: _____

3. the area between $y = -3x^2 + 6x + 38$ and $y = 3x + 2$: _____

4. the area between $y = -2x^2 + x + 8$ and $y = 3x + 4$: _____

5. the area between $y = -x^2 + 9x - 12$ and $y = 3x - 4$: _____

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6. the area between $y = -2x^2 + 7x + 3$ and $y = -x + 3$: _____

7. the area between $y = -3x^2 + 5x + 2$ and $y = 2x + 2$: _____

8. the area between $y = -x^2 + 3$ and $y = -x + 3$: _____

9. the area between $y = -2x^2 + x + 14$ and $y = x - 4$: _____

10. the area between $y = -x^2 - 2x - 1$ and $y = -2x - 2$: _____