



Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Change Of Base Formula

*Solve for x. Show your work.*

1.  $6x^2 + 5$

2.  $5x^2 + 7$

3.  $9x^2 + 8$

4.  $3x^2 + 5$

5.  $7x^2 + 9$

6.  $3x^2 + 8$

7.  $3x^2 + 7$

8.  $8x^2 + 7$



## Change Of Base Formula – Answer Key

1.  $6x^2 + 5$   
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2.  $5x^2 + 7$   
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3.  $9x^2 + 8$   
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4.  $3x^2 + 5$   
 $3x^2 + 5$

5.  $7x^2 + 9$   
 $7x^2 + 9$

6.  $3x^2 + 8$   
 $3x^2 + 8$

7.  $3x^2 + 7$   
 $3x^2 + 7$

8.  $8x^2 + 7$   
 $8x^2 + 7$