



Name: _____

Date: _____

Pythagorean Identity

Solve for x. Show your work.

1. $6x^2 + 4$

2. $9x^2 + 9$

3. $10x^2 + 5$

4. $5x^2 + 7$

5. $3x^2 + 6$

6. $2x^2 + 10$

7. $4x^2 + 7$

8. $7x^2 + 5$



Pythagorean Identity – Answer Key

1. $6x^2 + 4$
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2. $9x^2 + 9$
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3. $10x^2 + 5$
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4. $5x^2 + 7$
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5. $3x^2 + 6$
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6. $2x^2 + 10$
 $2x^2 + 10$

7. $4x^2 + 7$
 $4x^2 + 7$

8. $7x^2 + 5$
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