

Name \_\_\_\_\_  
Alg1

January 14, 2020  
Quarter Exam In Class Review

1)  $(19x - 6) - (21x + 5)$

2)  $\frac{42x^6}{63x^9}$

3) Factor:

a)  $196x^2 - 25$

b)  $11x^2 + 44x - 495$

c)  $11x^2 - 25x + 6$

4) Multiply:  $(-6x^4y^3)^2(4x^{-10}y)^3$

5)  $3(15x - 2) = 10(5x - 1)$

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6)  $-8 | 3x + 27 | + 173 = 5$

7)  $5x^2 - 2x - 11 = 6x^2 - 2x - 60$