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

QUIZ 18 ♠

MATH 201  
April 9, 2024

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1. Determine whether the series converges or diverges. Explain your answer.

(a) 
$$\sum_{k=1}^{\infty} \left( \frac{5}{2^k} + \frac{5}{k^2} \right)$$

(b) 
$$\sum_{k=1}^{\infty} \frac{k^2 + 1}{2k^2 - k}$$