Negative and Fractional Indices

1. Prove that

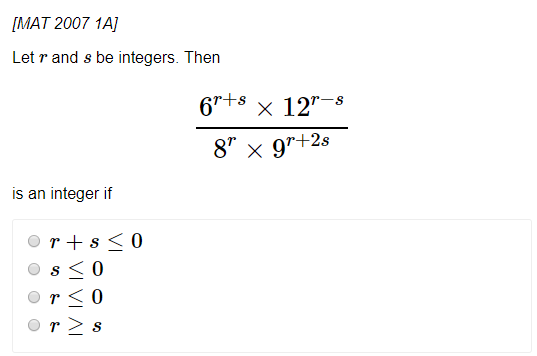
2. Evaluate

1. Evaluate
2. 4. Simplify

5. Evaluate

6. If , determine in the form where are constants

Extension



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