

Created by T. Madas

INTEGRATION

BY A SPECIAL MANIPULATION

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Question 1

Carry out the following integrations:

1. $\int \frac{x+1}{x-1} dx$

2. $\int \frac{x-2}{x+2} dx$

3. $\int \frac{x+2}{x+5} dx$

4. $\int \frac{x-3}{x-8} dx$

5. $\int \frac{2x-3}{x+2} dx$

6. $\int \frac{3x-1}{x-1} dx$

7. $\int \frac{4x+3}{2x-1} dx$

8. $\int \frac{3-x}{x-1} dx$

9. $\int \frac{x+3}{2x-1} dx$

10. $\int \frac{3x+1}{2x-1} dx$