1. Express  on [2, 5] as a definite integral.

8

1

1

∫

2. Evaluate 

3

1

1

∫

3

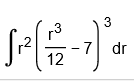
3. Evaluate 

4. Find the area under the curve over the interval [0,

5



6



7



8



9



10



11



12.



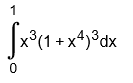
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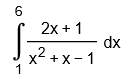
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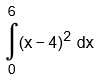
15.



14.

**

16



17



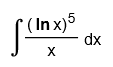
18



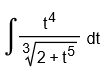
19



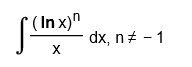
20



21



22



23. Find the average value of  over the interval [−1, 2]