Name _____

1) Find the integral below.

$$\int \frac{4x^2 - 7x - 12}{x(x+2)(x-3)} \, dx$$

2) Use the midpoint rule to approximate the integral to $\int_0^3 f(x)dx$. Write out your formula, but you do not need to find the final answer.

$n =$ _____

$\Delta x =$ _____

Answer:

x	$f(x)$
0	1
0.5	2
1	3
1.5	5
2	8
2.5	13
3	21