

M1220 Chp 7

(Midterm 1 Review)

Concepts Test Problems # 2, 4, 6, 8

Sample Test Problems # 2, 4, 6, 10, 12, 18, 20

Concepts Test

#2 True

#8 True (or do long division first)

#4 False

#6 True

(this will work, but it's not the only way)

Sample Test

#2 4

#4 $\frac{1}{4}$

#6 $-\frac{1}{2} \cos(2t) + \frac{1}{6} (\cos(2t))^3 + C$

#10 $\sin x - \csc x + C$

#12 $x^2 e^x - 2x e^x + 2e^x + C$

#18 $\frac{(\ln y)^6}{6} + C$

#20 $-2 \cos(\sqrt{x}) + C$