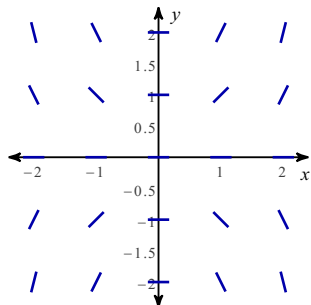


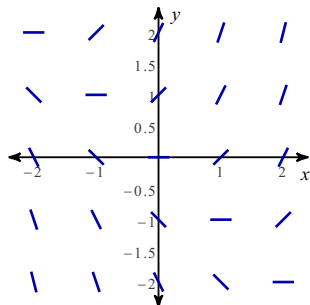
Answers to Advanced Antiderivatives + Slope Fields

- 1) $\frac{3}{2}(x^3 - 5)^{\frac{4}{3}} + C$ 2) $\frac{9}{4}(5x^4 - 4)^{\frac{4}{3}} + C$ 3) $2 \cdot (\sin 4x)^{\frac{3}{2}} + C$ 4) $\frac{9}{4} \cdot (\sec 5x)^{\frac{4}{3}} + C$
 5) $4 \ln |3x^3 + 5| + C$ 6) $-2 \ln |\tan 3x| + C$ 7) $-\ln |\sin(3x^3 - 1)| + C$
 8) $2 \ln |\csc(3x^5 + 2) - \cot(3x^5 + 2)| + C$ 9) $\sin^{-1} \frac{3x^5}{3} + C$ 10) $\frac{1}{3} \cdot \tan^{-1} \frac{5x^4}{3} + C$

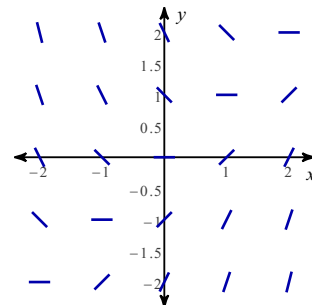
11)



12)



13)



14)

