Source: [KBe2020math401index]

1 | Limit Laws

 $\textbf{SEE} \ [\texttt{KBe20math401srcLimitLawsBrainstorm}]. \textbf{pdf}$

2 | Openstax Calculus Vol1 2.3 Exercises

• Link ## 84 $\lim_{x\to 1}\frac{x^3+3x^2+5}{4-7x}=\frac{1+3+5}{4-7}=\frac{9}{-3}=\boxed{-3}$ ## 85 $\lim_{x\to -2}\sqrt{x^2-6x+3}=\sqrt{4-(-12)+3}=\boxed{\sqrt{19}}$ ## 86 $\lim_{x\to 1}(9x+1)^2=(-9+1)^2=\boxed{64}$