
Homework 1 Solutions

homework 1 solutions - math.tamu - homework 1 solutions section 1.1 1. draw a direction eld for the differential equation $y' = 3 - 2y$: based on the direction eld, determine the behavior of y as $t \rightarrow \infty$. if this behavior depends on the initial value of y at $t = 0$, describe the dependency. the direction eld is given below. **homework 1 solutions - montana state university** - homework 1 solutions 1.1.4 (a) prove that $a \subseteq b$ iff $a \cap b = a$. proof. first assume that $a \subseteq b$. if $x \in a \cap b$, then $x \in a$ and $x \in b$ by **homework 1 solutions - mathanford** - solution. suppose for a contradiction that there is no such x . then a is an upper bound for x , and a