

Quiz 11, Math 372

10/9/25

1a) Graph $y = x^6$.

1b) Where is it increasing?

2a) Graph $y = x^{1/5}$.

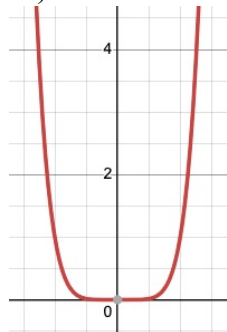
2b) Where is it negative?

3a) Graph $y = x^{7/2}$.

3b) What is the domain?

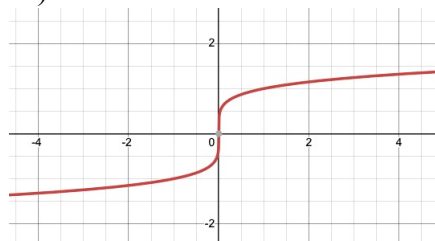
Ans

1a)



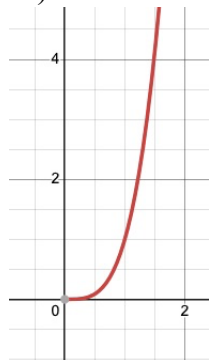
1b) $(0, \infty)$

2a)



2b) $(-\infty, 0)$

3a)



3b) $[0, \infty)$