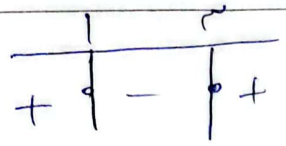
نام و نام خانوادگی ..... پاسخنامه تشریحی تکلیف شماره ۲۶ کلاس .....

۱



$\frac{b}{1} = 3 \times 1 = 3 \rightarrow b = 3$

$\frac{a}{1} = 3 + 1 = 4 = a \rightarrow a + b = 4 + 3 = 7$

۲

$3n = -1 \rightarrow n = -\frac{1}{3}$

$k = 2, m = 1$

$n = 2 \rightarrow 4k - 8 + m - 1 = 0$

$4k + m = 9$

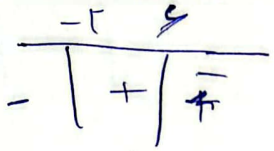
$k = 1, m = 5$ غیر قابل قبول!!!

$\frac{\frac{5}{3}}{\frac{-1}{3}} + 1 = -4$

۳

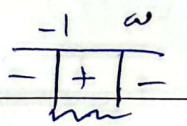
$n = -2, 3$

$(n+2)(n-1)$



$-\frac{1}{2}n^2 + 2n + 3 > \frac{7}{2} \rightarrow -\frac{1}{2}n^2 + 2n + \frac{5}{2} > 0$

$\rightarrow n = -1, 5 \rightarrow$

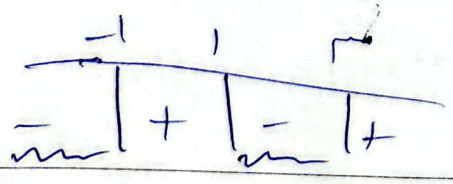


$5 + 1 = 6$

۴

$n^3 - 2n^2 - n + 2 < 0$

$(n-2)(n+1)(n-1) < 0$



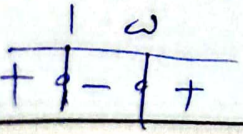
$\wedge n > 0 \rightarrow (1, 2) \rightarrow f(2) = -2$

۵

$a - 1 < 0 \rightarrow a < 1$

$a^2 + 1 - 2a - 2a + 4 < 0$

$\hookrightarrow a^2 - 4a + 5 < 0$



$\rightarrow (1, 5)$

اشتراک قبلی ها

هیچ مقدار a

۶

$\frac{m(m(m^2+1)}{m-2}$

$m \neq 2$

۷

$n = 2k\pi$

$n^* = 1$

$n = 2$

$[-2, 2] \cup [\frac{3}{2}, +\infty)$

۸

$\frac{3n^2-2n}{n^2+2} < 2 \rightarrow 3n^2-2n < 2n^2+1 \rightarrow n^2-2n-1 < 0$

$(-2, 4) \rightarrow (-2, 0) \rightarrow 4+2=6$

۹

$0 < \frac{3n^2-4n+n+1}{n+1} \rightarrow 0 < \frac{3n^2-3n+1}{n+1}$

$(1, +\infty)$ (الف)

$\frac{3n^2-4n}{n+1} < 0$

$(-\infty, -1) \cup (0, \frac{4}{3})$ (ب)

۱۰

$\frac{n^2-10}{n} - 3 < 0 \rightarrow \frac{n^2-3n-10}{n} < 0$

$(-\infty, -2] \cup (0, 5]$