

THE BEST FINAL REVISION FOR PREP (1) FIRST TERM ALGEBRE

First choose

① If $\frac{x^4}{x-5} \in \mathbb{Q}$ then: $x \neq \dots\dots\dots$ (5 , -5 , 0 , 7)

② If $\frac{x}{y} = 1$ then: $3x - 3y = \dots\dots\dots$ (0 , 1 -1 , 2)

③ If $\frac{x}{y} = 1$ then: $x - y = \dots\dots\dots$ (0 , 2 -1 , -2)

④ If : $\frac{3}{x}$ is rational number then: $x \neq \dots\dots\dots$ (0 , 1 -1 , 2)

(5) the rational number between $\frac{5}{7}, \frac{6}{7}$ is.....

(a) $\frac{10}{14}$ (b) $\frac{9}{14}$ (c) $\frac{11}{14}$ (d) $\frac{12}{14}$

⑥ | The rational number $\frac{x}{-3}$ is negative if $x \dots\dots\dots$

(a) > 0 (b) < 0 (c) ≤ 0 (d) $= 0$

⑦ The required condition for : $\frac{x+3}{2x-5}$ to be a rational number is

(a) $x \neq 0$ (b) $x \neq -5$ (c) $x \neq \frac{5}{2}$ (d) $x \neq -3$

⑧ | If $x < 0 < y$, $|x| > y$, then $x + y \dots\dots\dots 0$

(a) $>$ (b) $\geq$ (c) $<$ (d) $=$

⑨ The rational number $\frac{3-x}{7+x} = \text{zero}$, when $x = \dots\dots\dots$

(a) 7 (b) -7 (c) 3 (d) -3

⑩ is a terminating decimal.

(a) $\frac{7}{20}$ (b) $\frac{2}{11}$ (c) $\frac{7}{11}$ (d) $\frac{1}{3}$