

Name : _____

Single Variable: S2

Multiple Choice

Part - A

1) Which of the following satisfies $\frac{f-3}{2} \geq 4$?

i) $f = 5$

ii) $f = 11$

iii) $f = 9$

iv) $f = 7$

2) Which of the following satisfies $b^3 + b^2 - 8 \leq 3$?

i) $b = 4$

ii) $b = 2$

iii) $b = 3$

iv) $b = 3$

3) Which of the following satisfies $k + 2 < 0$?

i) $k = -2$

ii) $k = 2$

iii) $k = 3$

iv) $k = -1$

4) Which of the following satisfies $n - 4 > 0$?

i) $n = 7$

ii) $n = 2$

iii) $n = 3$

iv) $n = 3$

1) Which of the following satisfies $h - 3 < 4$?

i) $h - 3 < 4$

ii) $h - 3 > 4$

iii) $h - 3 < 4$

iv) $h + 3 \geq 14$

2) Which of the following inequality is true at $y = 5$?

i) $\frac{36}{y+4} \geq 7$

ii) $\frac{27}{y-2} > 10$

iii) $\frac{12}{y+1} < -4$

iv) $\frac{36}{y+1} \leq 7$

3) Which of the following inequality is true at $d = -2$?

i) $d^3 - 2 > -4$

ii) $d^3 + 6 \leq -3$

iii) $d^3 + 4 < -2$

iv) $d^3 - 5 \geq -3$

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