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*once you are admitted into a JCU course, communication will be sent to your JCU email account

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5. A

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The function $f(x) = 2x^2 - 3x + 1$ is a parabola opening upwards. The vertex is at $x = \frac{3}{4}$. The function is increasing on the interval $(\frac{3}{4}, \infty)$ and decreasing on the interval $(-\infty, \frac{3}{4})$.

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6. A

T i e	Ca i	B i b a e	S i g a e
P a : $\frac{1}{4} \cdot 11$ $\frac{1}{4} \cdot 11$ (. 134)	P a : $\frac{1}{4} \cdot 10$ $\frac{1}{4} \cdot 10$ (. 1)	$\frac{34}{4000}$ $\frac{34}{4000} = 0.0085$	$\frac{14}{330}$ $\frac{14}{330} = 0.0424$
I e : $\frac{1}{4} \cdot 11$ $\frac{1}{4} \cdot 11$ (. 134)	I e : $\frac{1}{4} \cdot 10$ $\frac{1}{4} \cdot 10$ (. 1)	$\frac{34}{4000}$ $\frac{34}{4000} = 0.0085$	$\frac{14}{330}$ $\frac{14}{330} = 0.0424$
0.415255	0.42321000		

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