

Answers to Practice Test 1

1. A
2. D
3. B
4. D
5. D
6. C
7. B
8. A
9. E
10. A
11. B
12. E
13. B
14. C

Free Response:

1. $\langle 2, -1, 9e^3 \rangle$
2. $x + 2y = 0$
3. $10\sqrt{10}$
4. Domains of components are $[2, \infty)$, $(0, \infty)$, $(-\infty, \infty)$, respectively; domain of $\mathbf{r}(t)$ is $[2, \infty)$.
5. $\langle 1, 0, 0 \rangle$