

Analytic Geometry in Three Dimensions Answers

- 756 ft
 - about 719.1 ft
- $(756, 378, 0)$; about 611.8 ft
- $\langle -378, 0, 481 \rangle, \langle -756, 0, 0 \rangle$; about 51.8°
- $\overrightarrow{DA} = \langle -378, -378, 481 \rangle, \overrightarrow{DB} = \langle -756, -756, 0 \rangle$; about 42.0°
- $z = 0$
- $-481y + 378z = 0$
- $(378, 378, 0)$; $x = 378, y = 378, z = t$
- $x = 756 - 378t, y = 378t, z = 481t; \frac{x - 756}{-378} = \frac{y}{378} = \frac{z}{481}$
- about 924,975 ft²; Answers will vary.