

Answer Key

Lesson 10.3

Challenge Practice

1. 10 units 2. $3\sqrt{5}$ units

3. no; no; *Sample answer:*



4. $AC = AD = AE = EF$. $\triangle ACD \cong \triangle EAF$ (SAS congruence postulate). Therefore, $\overline{CD} \cong \overline{EF}$.

5. 184 6. 30