

p. 160 #1. 1. 14 units 2. 499 units²

3. 16.5 or $\frac{33}{2}$ is the x-coord. of F.

4. $m \overline{AC} = 8$ units

p. 162 #1. a) $\sqrt{52}$ units

b) $M(1, -1)$

c) $-\frac{2}{3}$

d) 1) $y = -\frac{2}{3}x - \frac{1}{3}$

2) $2x + 3y + 1 = 0$