

p. 31

7. (a) (39.5, 40.4)
(b) (12.34, -9.68)
(c) (-11.25, -7.00)
(d) (2.03, -21.6)
(e) (7.87, -2.78)
(f) (8.75, 10.50)
(g) (-11.25, -7.00)
(h) (15.00, 18.00)

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2. (a) 151.6 N.m
(b) 5.00 N.m
(c) 60.0 N.m
(d) -103.7 N.m
5. (a) Cathy moves up
(b) Jill moves 0.20 m toward Cathy
(c) On Cathy's side and 0.333 m from fulcrum
7. (a) -75.0 k N.m
(b) -37.6 k N.m