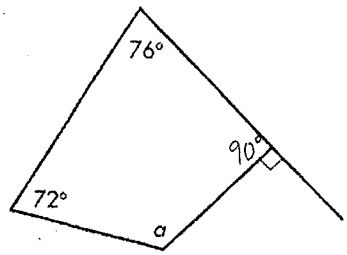
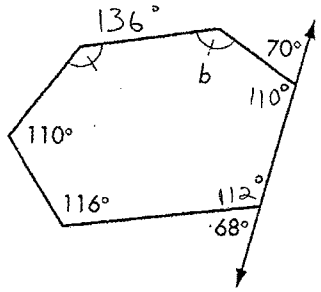
Find the measure of each lettered angle.

Key

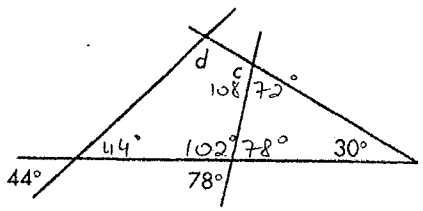
1.* a = -?- 122°



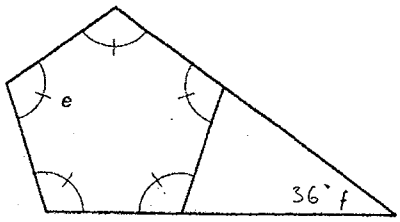
2. b = -?-



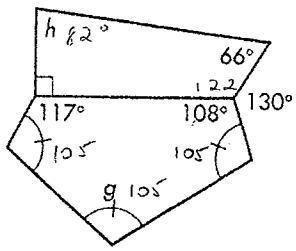
3.* c = -?- 108°
d = -?- 106°



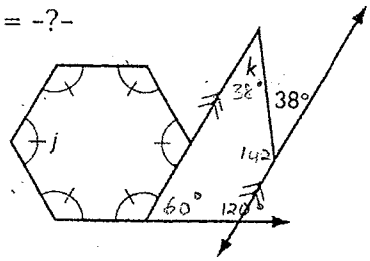
4. e = -?- 108°
f = -?-



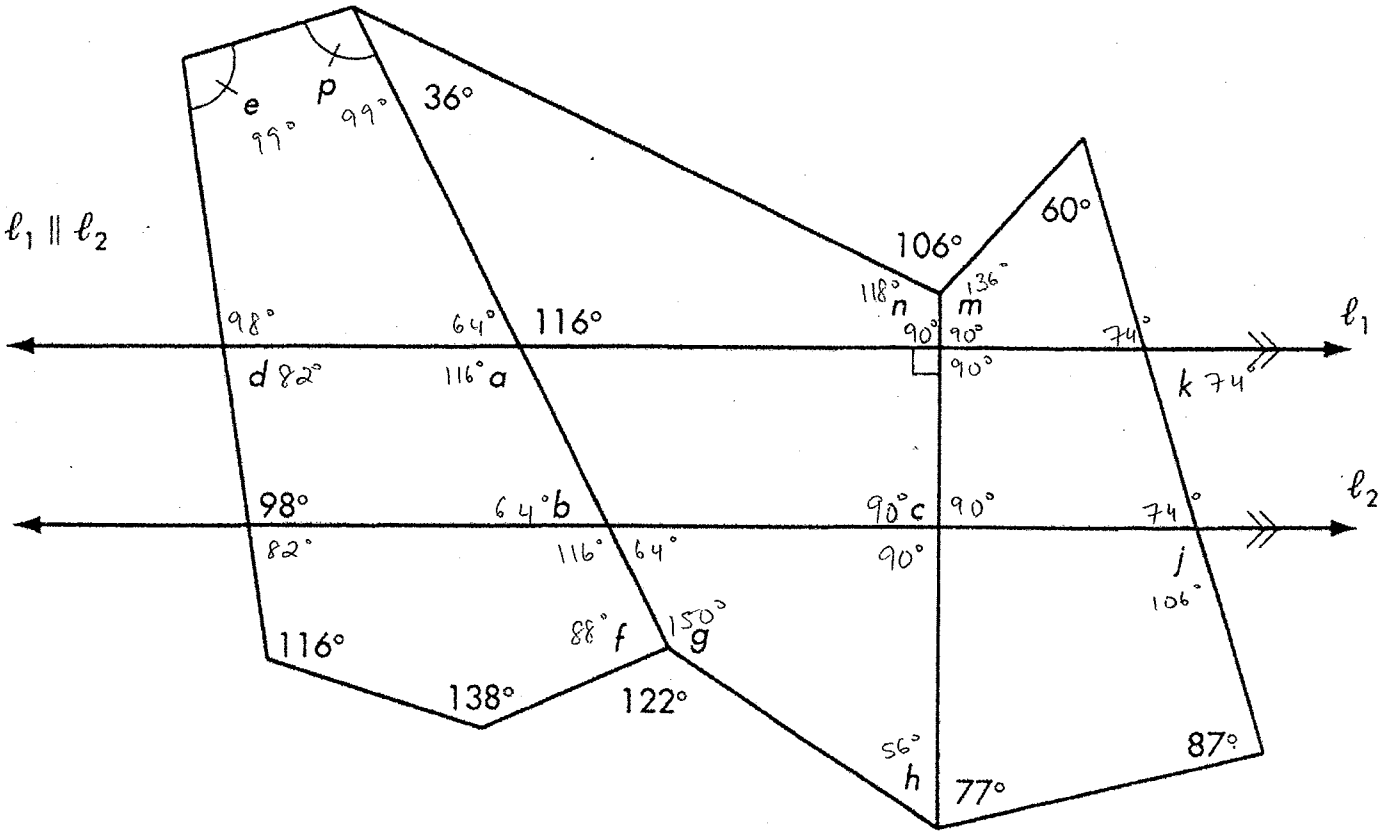
5.* g = -?- 105°
h = -?-



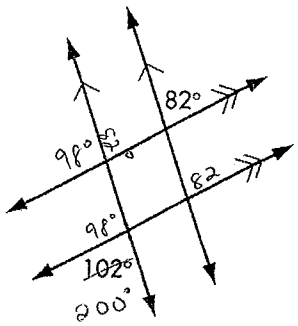
6. j = -?- 120°
k = -?-



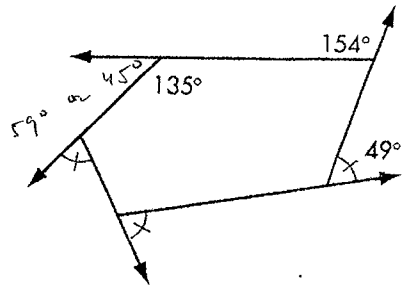
Calculate each lettered angle measure.



8. What's wrong with this picture?



9. What's wrong with this picture?



Practice C

1. A **2.** $(2x - 5)(3x + 1)$ **3.** B
4. $(2x - 7)(x + 3)$ **5.** not factorable
6. $(3x + 1)^2$ **7.** $(3x + 5)(x + 2)$

Answers

Lesson 10.6 *continued*

8. $(2x + 3)(x - 2)$ **9.** not factorable
10. $(7x + 8)(2x - 5)$ **11.** not factorable
12. $6(x - 3)^2$ **13.** $-\frac{1}{2}, -3$ **14.** $-5, \frac{1}{3}$
15. $\frac{1}{3}, -4$ **16.** $-\frac{1}{2}, -\frac{5}{3}$ **17.** $-\frac{1}{3}, -2$
18. $-\frac{1}{3}, \frac{3}{4}$ **19.** $-\frac{1}{2}, -1$ **20.** $-\frac{1}{6}, -\frac{5}{2}$
21. $-\frac{3}{7}, -2$ **22.** $\frac{3}{2}, -\frac{3}{2}$ **23.** $0, -6$
24. $2 + \sqrt{3}, 2 - \sqrt{3}$ **25.** $3, 7$ **26.** -3
27. $-\frac{1}{3}, \frac{1}{4}$ **28.** $\frac{-3 + \sqrt{33}}{4}, \frac{-3 - \sqrt{33}}{4}$
29. $4, -4$ **30.** $-\frac{5}{6}, \frac{7}{3}$ **31.** 3 sec **32.** 2.5 sec