**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Solve the following problems. Show your reasoning.

1. What number when added to 12 equals 30? \_\_\_\_\_\_\_\_\_\_\_\_
2. What number would you subtract 20 from to equal 15? \_\_\_\_\_\_\_\_\_\_\_\_
3. Find the number that goes in the ⃞ to make the sentence true.

a. + 13 = 46

 b. − 24 = 30

c. 29 + = 85 d. 67 = − 8

e. 34 + = 150 f. 429 = 273 +

g. − 70 = 59 h. − 125 = 175

**Challenge problems:** Find the number that goes in the ⃞ to make the sentence true:

1. 40 + − 34 = 6 B. 18 + 24 = + 10