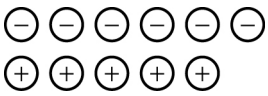
Name: _____ Date: _____

BLM 9–3

Section 9.1 Extra Practice

1. What addition statement do the integers in the diagram represent? Explain your reasoning.



2. Use the sum of two integers to represent each situation.

Example: Jean was given $12 then spent $5. How much did she have left?
(+12) + (–5) = +7
Jean has $7 left.

a) Marianne was given $17 then spent $11. How much money did she have left?

b) In the morning it was –5°C. In the afternoon the temperature went up by 7°C. What was the temperature in the afternoon?

c) In a hockey tournament, Jeremy's team scored 7 goals and had 8 goals scored against it. How many goals did Jeremy's team lose by?

d) From a 10 m platform, Amy dove 14 m. What was her depth under the water?

For #3 to #5, copy and answer each question.

3. Complete each addition statement. Use integer chips to help you.

Example: (+6) + (<u>–6</u>) = 0

a) (+3) + (_____) = 0
b) (_____) + (–7) = 0
c) (+8) + (_____) = 0
d) (_____) + (–10) = 0

4. Write "P" if the sum is positive. Write "N" if the sum is negative.

Example: (–7) + (+1) = <u>N</u>

a) (+6) + (–5) = _____
b) (+6) + (–9) = _____
c) (–6) + (–4) = _____
d) (+6) + (–2) = _____

5. What is each sum? Use integer chips to help determine your answers.

a) (–7) + (+1) + (+2) = _____
b) (–2) + (–4) + (+3) = _____
c) (+5) + (+3) + (–1) + (–4) = _____
d) (–4) + (+3) + (–2) + (–6) = _____