



Name: _____

Skill Builder

1. Put these numbers in order from least to greatest:

a. 112, 211, 108, 110, 89, 129, 97 _____

b. 33 912, 16 112, 81 173, 46 126, 91 938, 11 761

2. Put these numbers in order from greatest to least:

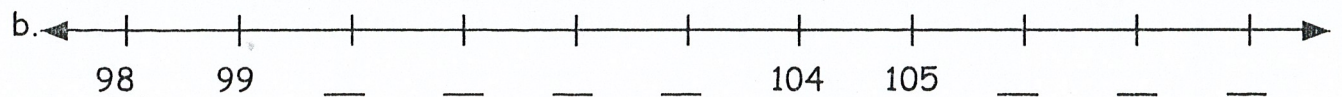
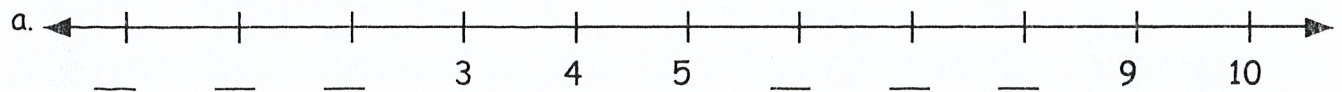
a. 1 912, 1 249, 5 651, 9 108, 4 751, 1 519, 9 814, 8 136

b. 41 034, 91 199, 28 115, 10 121, 12 583, 74 612

3. Write the word with the opposite meaning (the antonym):

- | | |
|-------------------|-------------------|
| a. win _____ | f. backward _____ |
| b. minus _____ | g. positive _____ |
| c. down _____ | h. gain _____ |
| d. increase _____ | i. rise _____ |
| e. below _____ | j. heated _____ |

4. Complete the number lines:



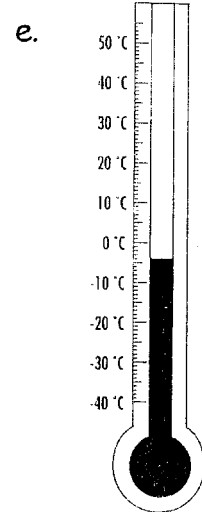
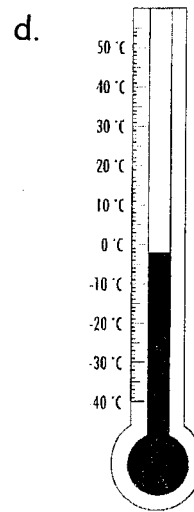
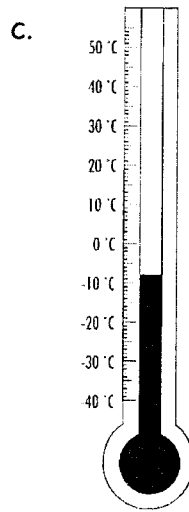
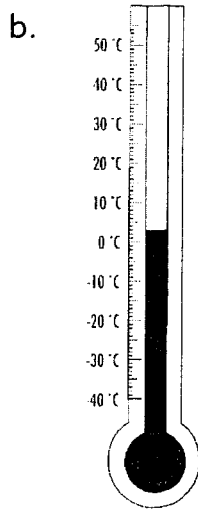
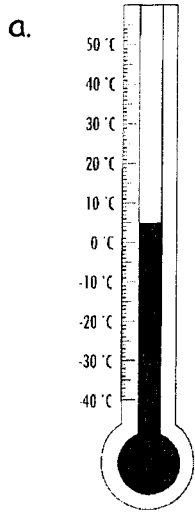
5. Circle the number in each pair that is furthest to the right on a number line:

- | | | | |
|-------|----|-----------|--------|
| a. 7 | 12 | d. 9 | 19 |
| b. 5 | 4 | e. 10 | 0 |
| c. 12 | 3 | f. 11 011 | 11 010 |

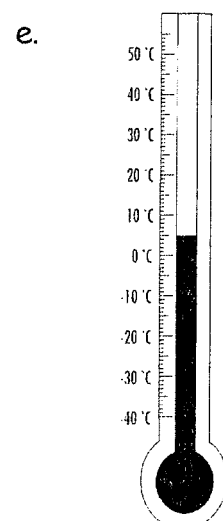
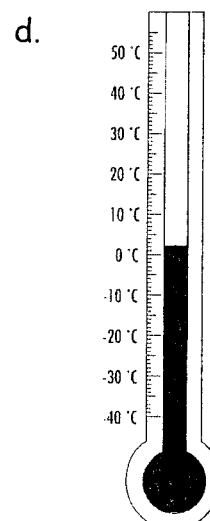
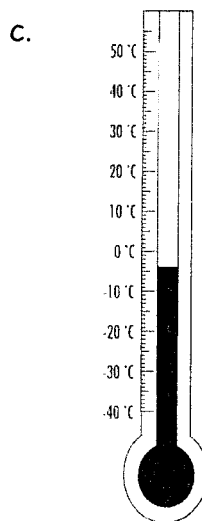
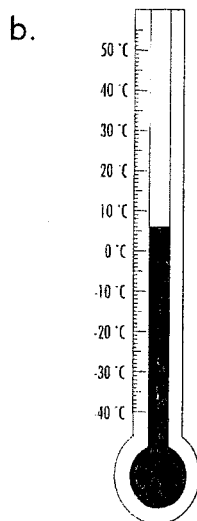
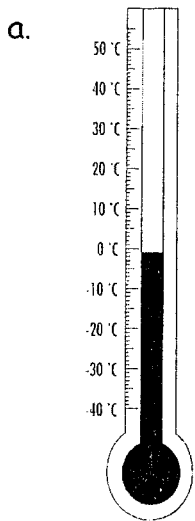


Name: _____

6. What temperature is shown on each thermometer?



7. Compare the thermometers below with the ones directly above. Say if the temperature increased or decreased and by how many degrees.



8. Solve each problem in your head. Write the answer.

a. $6 + 9 =$ _____

b. $10 - 7 =$ _____

c. $1 + 2 + 3 - 4 =$ _____

d. $5 + 6 + 1 - 2 =$ _____

e. $3 + 9 - 6 - 2 - 3 + 1 =$ _____

f. $14 - 10 - 2 =$ _____

g. $7 + 0 + 9 - 10 =$ _____

h. $3 + 9 - 6 - 2 - 3 + 4 =$ _____

i. $13 - 6 + 8 - 14 + 9 - 4 =$ _____

j. $9 - 6 + 8 + 7 - 10 =$ _____



Working With Integers

1. Indicate which symbol you would use: + or -

- a. \$5 decrease in pay _____
- b. 18 floors above ground _____
- c. a loss of 15 yards _____
- d. walking upstairs _____
- e. a \$100 profit _____
- f. the descent of an airplane _____
- g. 10 seconds to liftoff _____
- h. a diver is 100 m underwater _____

2. Write the opposite:

- a. above _____
- b. right _____
- c. thawed _____
- d. clean _____
- e. 7 degrees below 0 _____
- f. 10 km south _____
- g. -6 _____
- h. +4 _____

3. Write the positive or negative number:

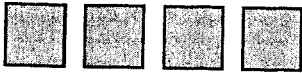
- a. 9 paces behind _____
- b. 5 bonus marks _____
- c. 17 degrees below zero _____
- d. 500 m above the ground _____
- e. 2 floors below main _____
- f. \$50 profit _____

Student Activity

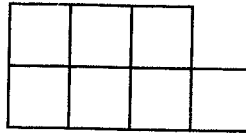


4. A white square represents a positive electrical charge. A grey square represents a negative electrical charge. Give the positive or negative number for the total electrical charge:

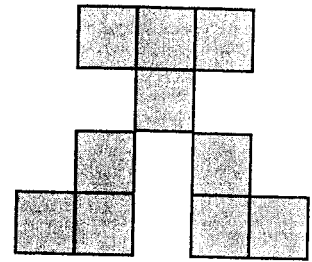
a. _____



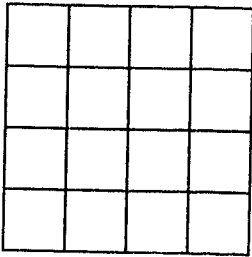
b. _____



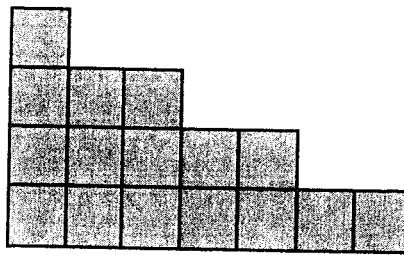
c. _____



d. _____

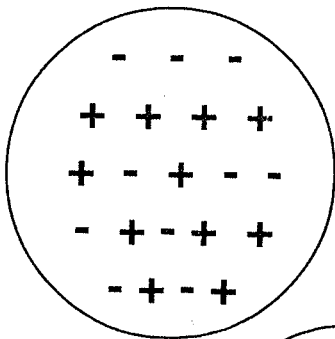


e. _____

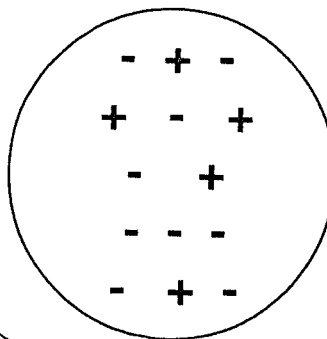


5. In each circle, there are positively-charged particles (+) and negatively-charged particles (-). Pairs of opposite particles (one positive with one negative) results in a zero charge. Determine the charge of each circle.

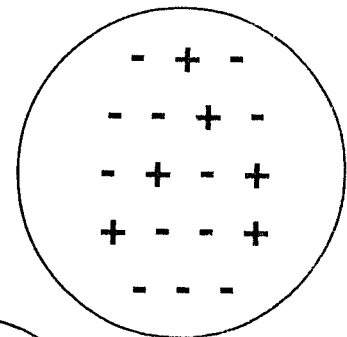
a.



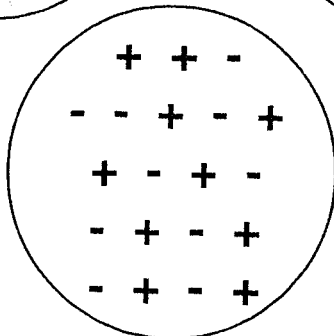
b.



c.



d.



e.

