

Problem-Solving Application:

Use Integers

1. The wind chill temperature at 9 A.M. is -22 degrees Fahrenheit. The wind chill temperature is 27 degrees colder than the actual temperature. What is the actual temperature?

UNDERSTAND

What does the question ask? _____

PLAN

What does -22 degrees mean? _____

Is the wind chill temperature greater or less than the actual temperature?

SOLVE

What number sentence can you write to find the actual temperature?

What is the actual temperature?

LOOK BACK

How can you check your answer?

Solve.

2. The temperature outside is 6 degrees Fahrenheit at 6 P.M. By midnight the temperature drops 9 degrees and by 3 A.M. it drops another 5 degrees. What is the temperature at 3 A.M.?
