



**2009 – Grade 7 - NYS Math Exam**  
**Item #23**

**Strand:** Number Sense and Operations

**Performance Indicator:** 7.N12 Add, subtract, multiply, and divide integers

**Points:** 1

The temperature, in degrees Fahrenheit ( $^{\circ}\text{F}$ ), decreased at a constant rate from  $0^{\circ}\text{F}$  to  $-35^{\circ}\text{F}$  in 5 hours. By how many degrees did the temperature decrease **per hour**?

- A  $5^{\circ}$
- B  $7^{\circ}$
- C  $30^{\circ}$
- D  $35^{\circ}$