

Directions: Show your work for credit. Use your notes and textbook for support

- 1** The lowest point in Death Valley, California, has an elevation of approximately -280 feet (280 feet below sea level). The lowest elevation near the Dead Sea is almost 5 times lower than Death Valley. Which figure below **best** approximates the elevation of this point?

- A $-1,400$ feet
B $-1,120$ feet
C -285 feet
D 140 feet

Show your work

- 2** Connie has a package of 7 green candies, 8 red candies, and 10 blue candies. She randomly pulls out 1 green candy without putting it back. What is the probability that the next candy she pulls out will be blue?

- A $\frac{1}{4}$ B $\frac{1}{3}$ C $\frac{2}{5}$ D $\frac{5}{12}$

Show your work

- 3** The temperature in Lacey's backyard is -5° Celsius. Overnight, the temperature decreases by 7° Celsius. What is the new temperature?

- A -2°C
B 2°C
C -12°C
D 12°C

- 4** Nico has three more than six times as many coins as Bobee, b . Which expression represents how many coins Nico has compared to Bobee?

- A $3b + 6$ C $6b + 3$
B $6b - 3$ D $6b(b + 3)$

- 5** The population of New York City increased by approximately 10% between the years 1990 and 2000. If the population in 1990 was approximately 7,300,000, what was the approximate population in 2000?

- A 7,373,000
B 7,400,000
C 8,030,000
D 8,300,000

Show your work.

6

In Jerome's city, yesterday's low temperature was -3°F . Today's low temperature was 7 degrees warmer. Tomorrow's low is predicted to be 9 degrees colder than today's.

What is tomorrow's low temperature predicted to be?

Show your work.

Answer _____ $^{\circ}\text{F}$

On the lines below, justify your answer
