

35.1 Machine A produces a sound pressure of $58dB$, and machine B produces a sound pressure of $52dB$. What is the combined sound pressure?

- A. $53dB$
- B. $58dB$
- C. $59dB$
- D. $61dB$

Refer to the table for **Combining Two Sound Levels**. Note that when the difference between the dB levels of the two sources is between 5 and 9, the number of dB to be added to the highest source is $1dB$. Since Machine A is the higher source, add $1dB$ to its sound pressure level.

$$58dB + 1dB = 59dB$$

Answer C