

## Answer on the question #62495, Chemistry / General Chemistry

### Question:

The pressure of a gas in a container is 152 mm Hg. This is equivalent to \_\_\_\_\_.

### Solution:

1 mm Hg is equal to 133.32239 pascal. Then:

$$152 \text{ mmHg} = 152 \cdot 133.32239 \text{ Pa} = 20265 \text{ Pa} = 20.3 \text{ kPa}$$

### Answer:

The pressure of a gas in a container is 152 mm Hg. This is equivalent to 20.3 kPa.