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# BSK1133 PHYSICAL CHEMISTRY

# PRACTICE 1

PREPARED BY:

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PRACTICE 1  
BY DR. YUEN MEI LIAN

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1. What is the pressure in atmospheres in the cabin if the barometer reading is 598 mmHg?
2. The atmospheric pressure in Location A in the morning was 972 mmHg. What was the pressure in kPa?

(Given:  $1 \text{ atm} = 1.01325 \times 10^5 \text{ Pa} = 760 \text{ mmHg}$ )

# ANSWERS:

1. 0.7868 atm
2.  $1.2959 \times 10^2$  kPa

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