

CONCEPT REVIEW  
**11**

# PRESSURE

PAGES 70 TO 72

Complete this concept review handout and keep it as a record of what you have learned.

## DEFINITION AND UNIT OF MEASUREMENT

Pressure is the result of \_\_\_\_\_

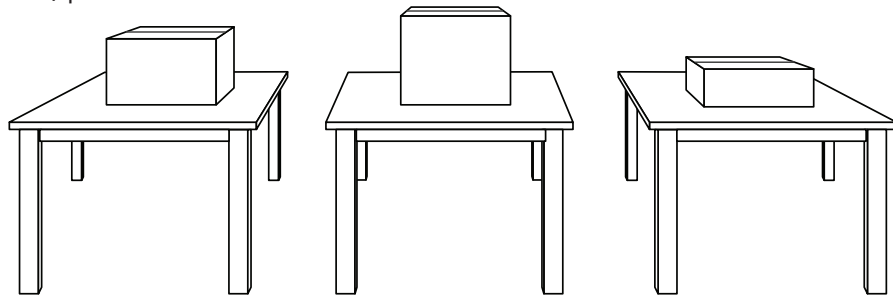
Unit of measurement for pressure: \_\_\_\_\_ Symbol: \_\_\_\_\_

## THE EFFECT OF FORCE ON PRESSURE

- If the force increases, pressure \_\_\_\_\_
- If the force decreases, pressure \_\_\_\_\_

Variable force

Constant area

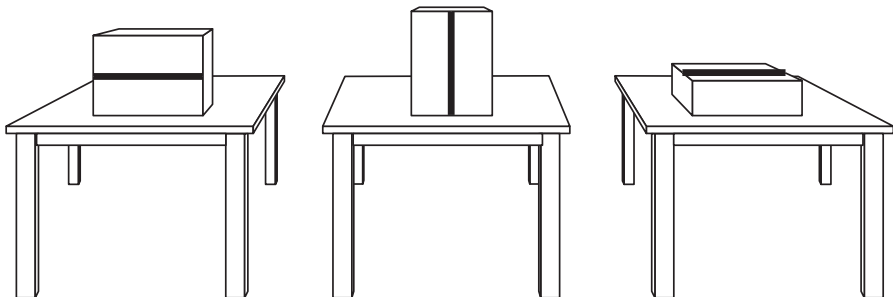


## THE EFFECT OF SURFACE AREA PRESSURE

- If the surface area exposed to a force increases, pressure \_\_\_\_\_
- If the surface area exposed to a force decreases, pressure \_\_\_\_\_

Constant force

Variable area



## MATHEMATICAL EQUATION FOR CALCULATING PRESSURE

P \_\_\_\_\_ where \_\_\_\_\_ is \_\_\_\_\_ measured in \_\_\_\_\_.  
 \_\_\_\_\_ is \_\_\_\_\_ measured in \_\_\_\_\_.  
 \_\_\_\_\_ is \_\_\_\_\_ measured in \_\_\_\_\_.  
 in \_\_\_\_\_.