

Answer on question #52078, Physics, Field Theory

Question 5. Which of the following is NOT true?

evaporation occurs at any temperature of a liquid

boiling takes place only at the surface of the liquid

evaporation occurs only at the surface of a liquid

boiling of a liquid takes place at a definite temperature and pressure

6 Hooke's law states that

the force applied on elastic material is directly proportional to the acceleration produced provided the elastic limit is not exceeded.

the force applied on elastic material is directly proportional to the extension produced provided the elastic limit is exceeded.

the escape thrust applied on elastic material is directly proportional to the extension produced provided the elastic limit is not exceeded.

the force applied on elastic material is directly proportional to the extension produced provided the elastic limit is not exceeded

Solution 5. boiling takes place only at the surface of the liquid - is not true.

6. Hooke's law: the force applied on elastic material is directly proportional to the extension produced provided the elastic limit is not exceeded