

Software Development Engineering

U3H2 "Simple Machines"

7°N | English VI

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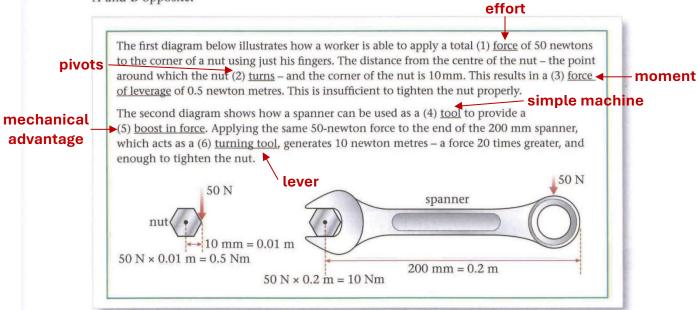
Victor Manuel Deantes Espinosa

33.1 Complete the article about the *Titanic*, taken from a popular science magazine. Look at A and B opposite to help you.

It's been suggested that the passenger liner *Titanic* wouldn't have sunk after colliding with an iceberg in 1912, if it had hit the obstacle head on and damaged only the front of the ship. As history tells, the crew tried to turn to avoid the iceberg, and 1,517 lives were lost. But how severe would a frontal impact have been for the passengers? The answer depends on several questions:

- * Based on this (3) _____rate______ of deceleration (and assuming the ship would not have stopped in time), what would the (4) ___velocity__ of the ship have been at the moment of impact?

33.2 Replace the underlined words and expressions with alternative words and expressions from A and B opposite.



Over to you

Think about a simple machine you use or are familiar with. How does it provide a mechanical advantage, and how great is the advantage?