

IV. UNDERSTANDING.....

Label each of the following images/descriptions below as being examples of 1st, 2nd, or 3rd law. Then EXPLAIN your answer!



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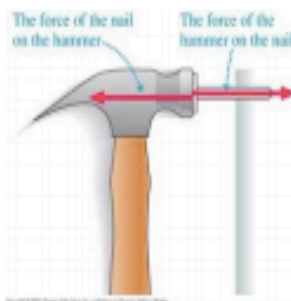
$$F = m \cdot a$$

$$20\text{N} = 5\text{kg} \cdot a$$

$$a = 4\text{m/s}^2$$

1st law 2nd law 3rd law

Explanation:



1st law 2nd law 3rd law

Explanation:



1st law 2nd law 3rd law

Explanation:



1st law 2nd law 3rd law

Explanation:

Same force → small mass: large acceleration



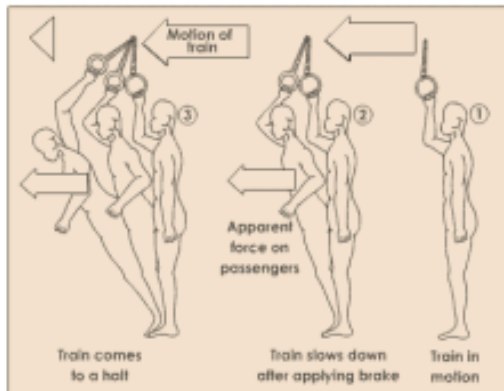
→ large mass: small acceleration



$\text{Force} = \text{mass} \times \text{acceleration}$

1st law 2nd law 3rd law

Explanation:



1st law 2nd law 3rd law

Explanation:
