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If R halves and V remains the same, what happens to I ?

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If V doubles and R halves, what happens to I ?

$$F = \frac{G m_1 m_2}{d^2}$$

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If m_1 doubles but G, m_2 and d stay the same, what happens to F?

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If m_1 and m_2 both double but G and d stay the same, what happens to F?

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In the equation above, F is the dependent variable.

If d doubles but G, m_1 , and m_2 stay the same, what happens to F?

$$F = \frac{G m_1 m_2}{d^2}$$

In the equation above, F is the dependent variable.

If d halves but G, m_1 , and m_2 stay the same, what happens to F?

$$a = \frac{\Delta v}{t}$$

In the equation above, a is the dependent variable.

If the change in velocity (Δv) doubles and the time quadruples, what happens to a ?

$$F = \frac{kq_1q_2}{d^2}$$

In the equation above, F is the dependent variable.

What is the relationship between q_1 and F?

What would a graph of F vs q_1 look like?

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What is the relationship between q_2 and F?

What would a graph of F vs q_2 look like?

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In the equation above, F is the dependent variable.

What is the relationship between d and F?

What would a graph of F vs d look like?

$$M = \frac{h_i}{h_o}$$

In the equation above, M is the dependent variable.

How are h_i and M related?

What would a graph of M vs h_i look like?

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In the equation above, M is the dependent variable.

How are h_o and M related?

What would a graph of M vs h_o look like?