***Physics notes:***

***Paper 2 - Equations:***

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| 1 | **moment = force x distance** | M = F d |
| 2 | **distance = speed x time** | s = v t |
| 3 | **acceleration = change in velocity / time taken** | a = v / t |
| 4 | **weight = mass x gravity** | W = m g |
| 5 | **force = spring constant x extension** | F = k e |
| 6 | **force = mass x acceleration** | F = m a |
| 7 | **momentum = mass x velocity** | p = m v |
| 8 | **pressure = force / area** | p = F/A |
| 9 | **wave speed = frequency x wavelength** | v = f  |