**Noteguide for Impulse (Videos 7B) Name**

**Impulse (change in momentum)**

Example: What impulse is imparted by exerting a 12 N force for 4.0 s?



Whiteboards:

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| 1. What is the impulse of a 6.12 N force acting for 2.3 seconds (14 N s) | 2. A rocket engine is rated at 14 N s of impulse, and burns for 1.7 seconds. What is the thrust of the engine? (8.2 N) |
| 3.  (560 N s) | 4.  (470 N s) |