Name: _____

Period:_____

Assigned: Tues., 5/18/04
Due: Thurs., 5/20/04

> A bike moves 50 m in 5 seconds.
> Calculate speed.

Variables: Solution:

Equation:

5 Newtons pull to the left on an object; 10 Newtons pull to the right.
Find net force.

Which of Newton's Three Laws:

Accelerating faster requires more force (and more gas): _____

A rocket moves forward because it pushes out gas backward: _____

A magician pulls out a table cloth and the dishes don't move:_____

Questions on back

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1. F or F_w = _____	8 kgm/s
2. W or E= _____	8 Ω
3. MA = _____	8 w
4. I = _____	8
5. p = _____	8 sec
6. d or λ = _____	8 N
7. V = _____	8 m
8. P = _____	8 A
9. a = _____	8 m/s^2
10. f = _____	8 V
11. T = _____	8 Hz
12. R = _____	8 J

A student pushes a 12 N cart for 3 meters. Find the work the student did.

If they did it in 4 seconds, find power:

---

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