

Grade 11 Physics Review

Motion Review: Page 100 - 107 in text

- Multiple choice # 1, 2, 3, 5, 8, 9, 10
- True/False # 13, 14, 19, 21, 22,
- Problems: # 31 (displacement) , 34 (velocity), 35 (speed - watch units!), 36 (graphs), 37 (graphs), 39, 40, 41, 42, (acc. Formulas), 49 (components), 52 (river problem), 53 (free fall), 55 (projectile motion) 57, 58 (graphs)

Forces Review: Page 208 - 215

- Multiple choice # 1, 2, 3, 4, 9, 12
- True / False # 14, 15, 17, 18, 20, 21, 22
- Problems: #28 (FBD), 31 (Fnet), 32, 34(Newton's 1st), 35, 37, 38 (Fnet = ma), 41 (Newton's 3rd), 46 (mass & weight), 49 (Fn), 50 , 54 (μ), 60 (put it all together)

Energy Review: Pages 364 -371

- Multiple choice # 1, 3, 4, 6, 12, 14, 16, 17
- True/False # 19, 21, 24, 26, 27, 28, 30, 31,
- Problems: #34 (work/friction), 35 (work), 35 (Ek), 39m 40 (Ek & Eg), 41, 44, 47 (efficiency), 51 (heat transfer), 59 (heating curve), 64, 72 b (atoms + radioactivity), 74 (work), 77 (energy transfer)

Waves Review: Pages 490 - 497

- Multiple choice # 1, 2, 6, 7, 10, 11, 12, 13, 14, 15, 16, 18, 20, 21, 22
- True/False # 24, 25, 27, 29, 34
- Problems: #38, 46 (universal wave eq), 41, 42, 43, 44 (wave characteristics), 45 (linear density), 47 (v_{air} & echo), 58 (freq. & note pitch), 73 (cochlear implant)

Electromagnetism Review: Pages 626 - 633

- Multiple choice # 6, 7, 9, 11, 12
- True / False # 20, 21, 22
- Problems: # 40 (magnetic fields), 44 (RHR #2), 46 (RHR #1), 75 (usefulness of electromagnets)