

# Forces - Summary Checklist

Complete the following questions from your Pearson ebook for Revision

Subtopic	Theory/ Chapter	Review Questions
<u>Forces</u> <ul style="list-style-type: none"> <li>Balanced Forces</li> <li>Unbalanced Forces</li> <li>Inertia</li> <li>Newton's First Law of motion</li> </ul>	Chapter 7.1 pg 280-284	<u>7.1 Review Questions</u> (page 286) Q1,2,3,4,5,6,7,10,13,14
<u>Friction</u> <ul style="list-style-type: none"> <li>Contact Force</li> <li>What factors effect friction</li> <li>Unwanted friction</li> <li>Reducing friction</li> </ul>	Chapter 7.2 pg 292-294	<u>7.2 Review Questions</u> (page 296) Q1,3,4,8,10,12
<u>Gravity</u> <ul style="list-style-type: none"> <li>Non-contact force</li> <li>What factors effect gravity</li> <li>Orbits</li> <li>Spring and Neap tides</li> <li>Mass vs Weight</li> </ul>	Chapter 7.3 pg 301-304	<u>7.3 Review Questions</u> (page 306) Q1,3,4,7,10,11
<u>Magnets</u> <ul style="list-style-type: none"> <li>Non-contact force</li> <li>Poles – attraction and repulsion</li> <li>Magnetic Field</li> </ul>	Chapter 7.4 pg 311-316	<u>7.4 Review Questions</u> (page 317) Q1,3,6,9,11
<u>Levers</u> <ul style="list-style-type: none"> <li>1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> class levers</li> <li>Examples of each</li> <li>Calculating mechanical advantage</li> </ul>	Chapter 7.5 pg 323-328	<u>7.5 Review Questions</u> (page 329)  Q3,4,11,12,15,16
<u>Chapter Review</u> (page 336)	Q1,2,3,5,7,8,10,11,13	
<u>Glossary</u>	Page 341-342	

## Study techniques:

- Keep a summary book (each week, go through and re-write your notes from class.)
- Keep a glossary of keywords (look, cover, write, check)
- Interactive activities/games on the class website and on Into Science
- ebook --> drag and drops, quizzes, other resources
- Watch the videos on the class website
- Read the relevant chapters in your text book for more information
- Make flash cards and get someone to test you (you can also do this online)