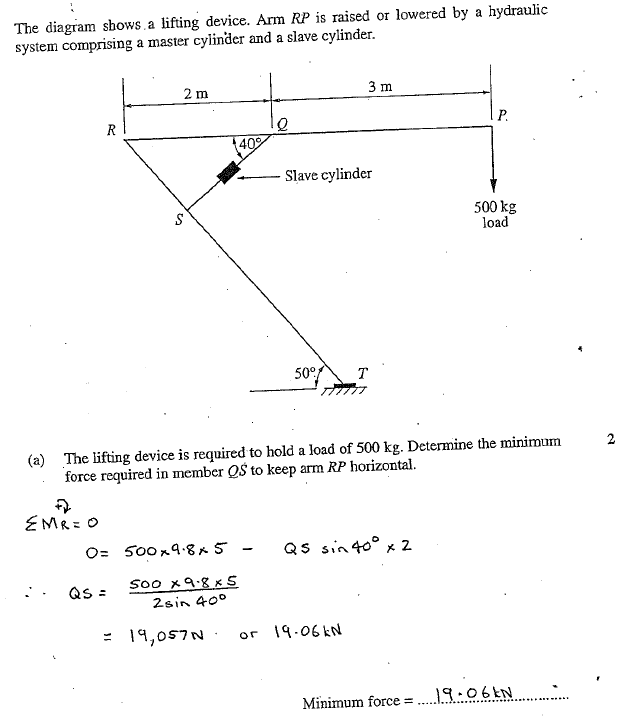
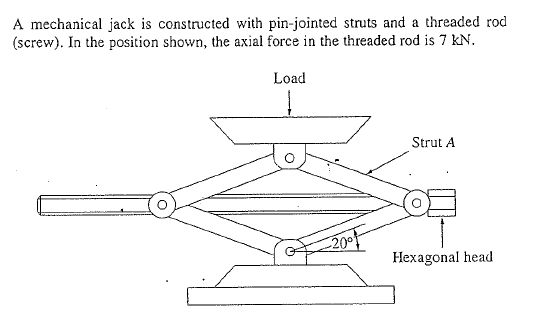
**221**

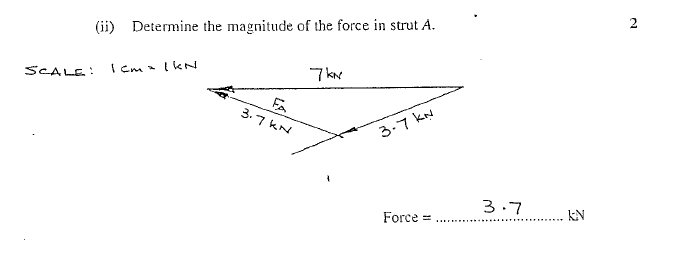
Force Systems

****

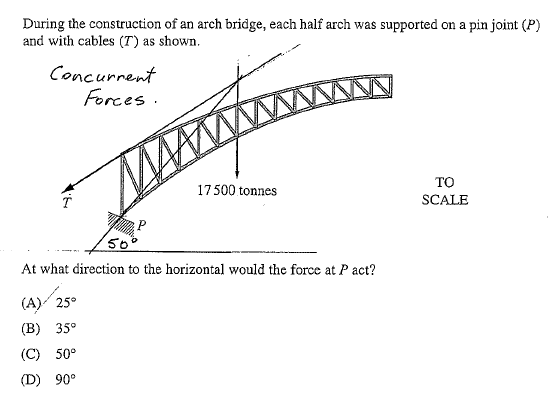
**Exercise 1**



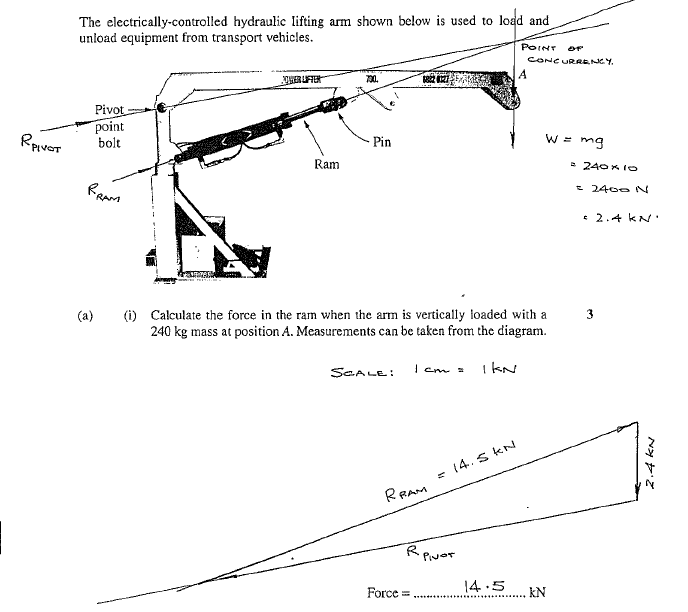
**Exercise 2**

**Exercise 3**

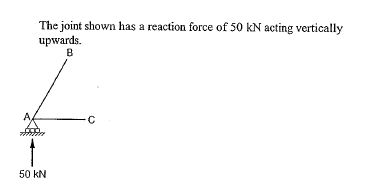
**C**

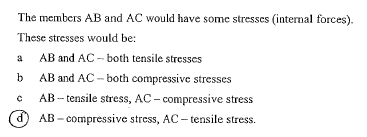


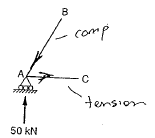
**Exercise 4**

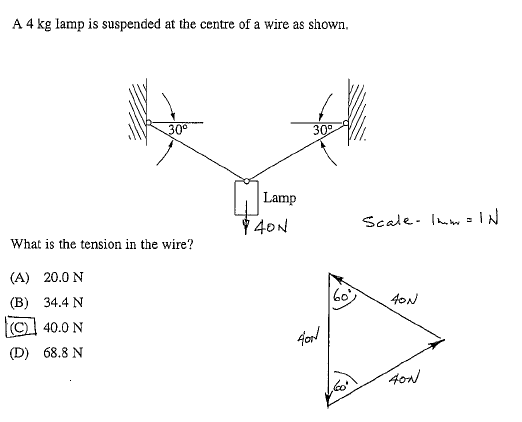


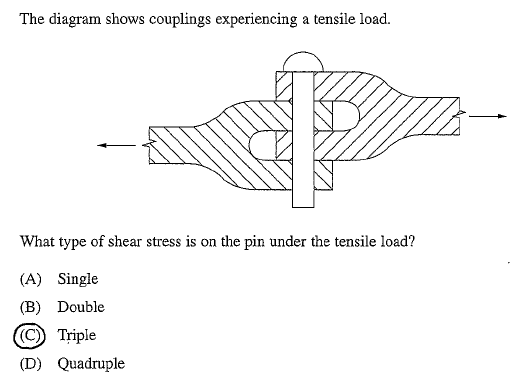
**Exercise 5**

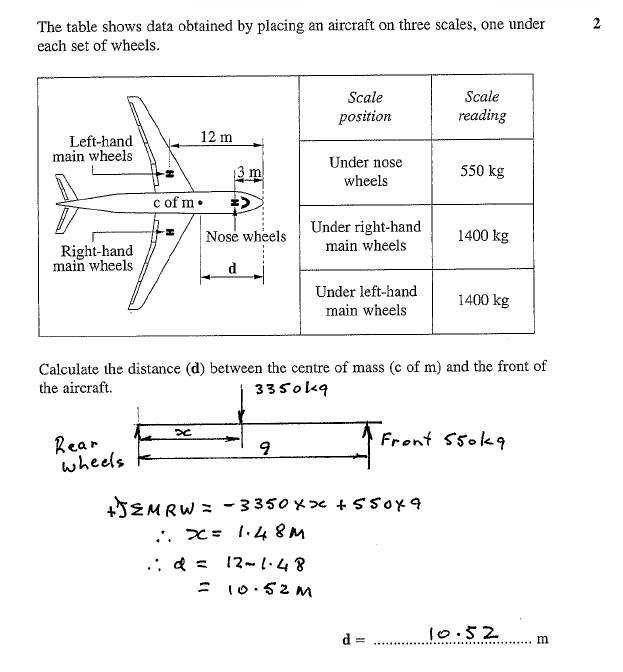


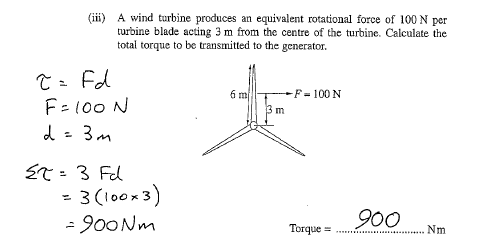


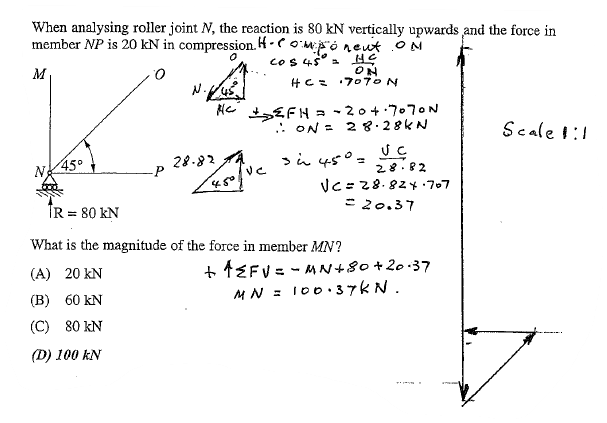


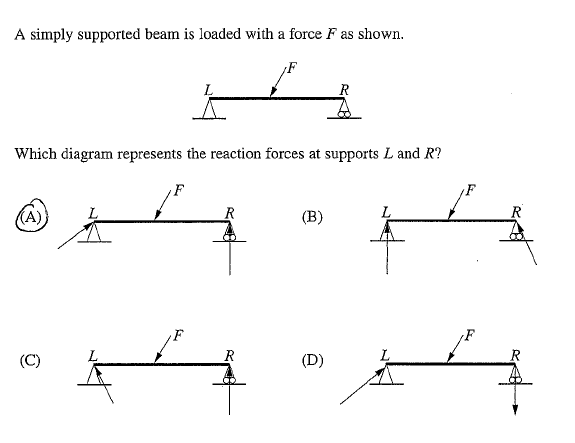
**Exercise 6**

**Exercise 7**

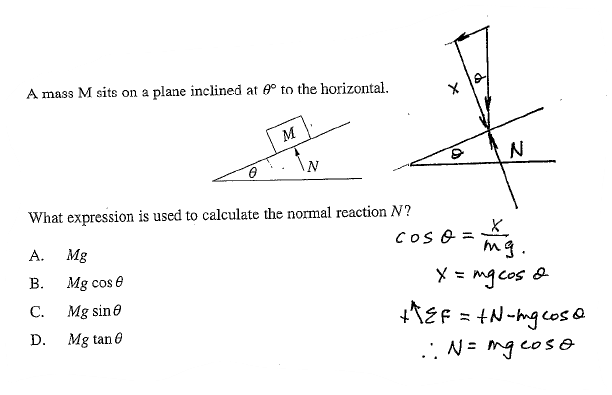
**Exercise 8**

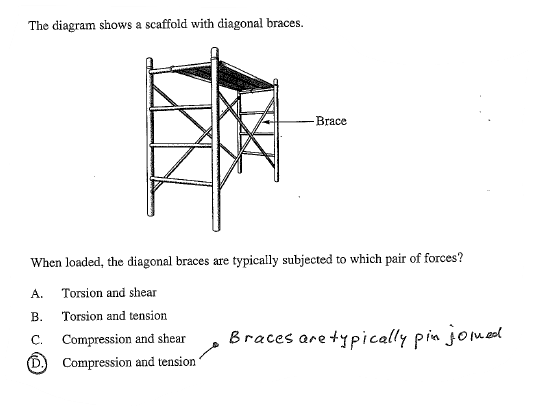
**Exercise 9**

**Exercise 10**

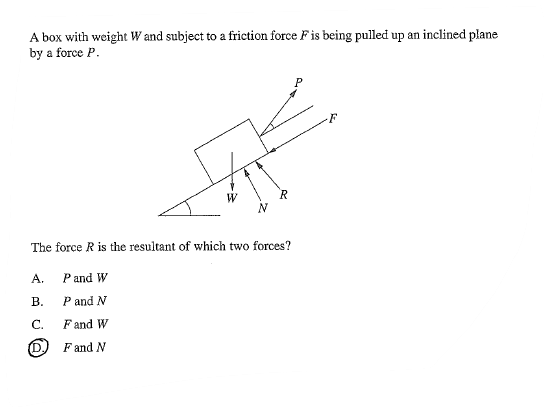
**Exercise 11**

**Exercise 12**

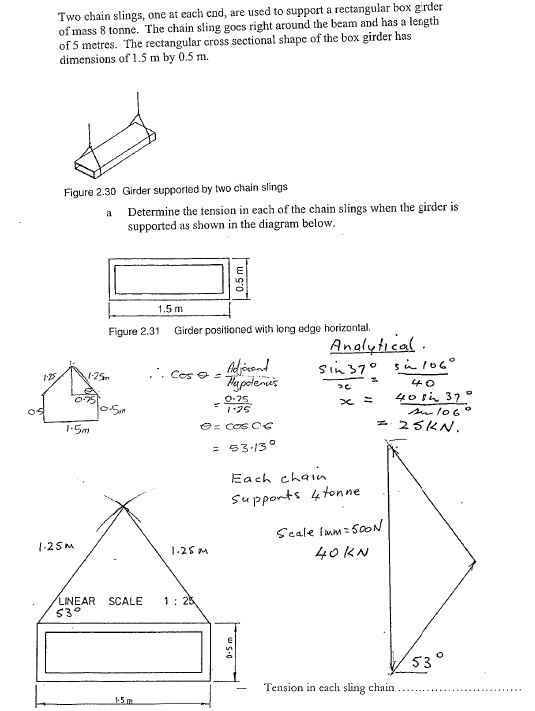


**Exercise 13**

**Exercise 14**

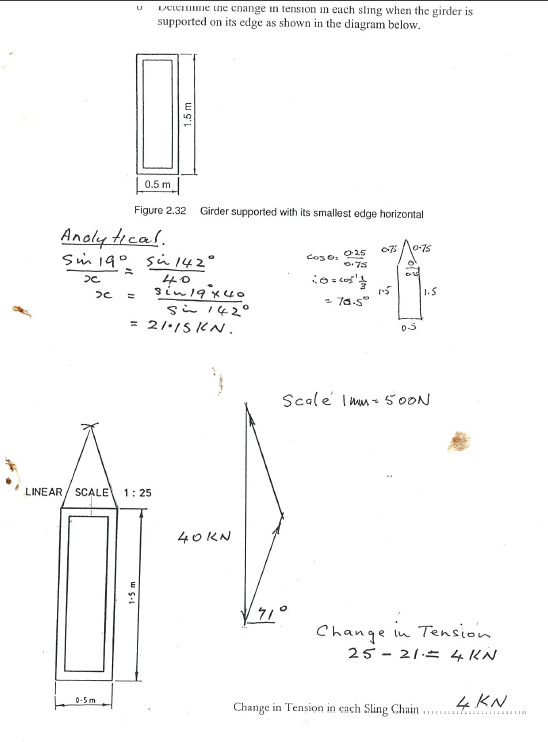


**Exercise 15**

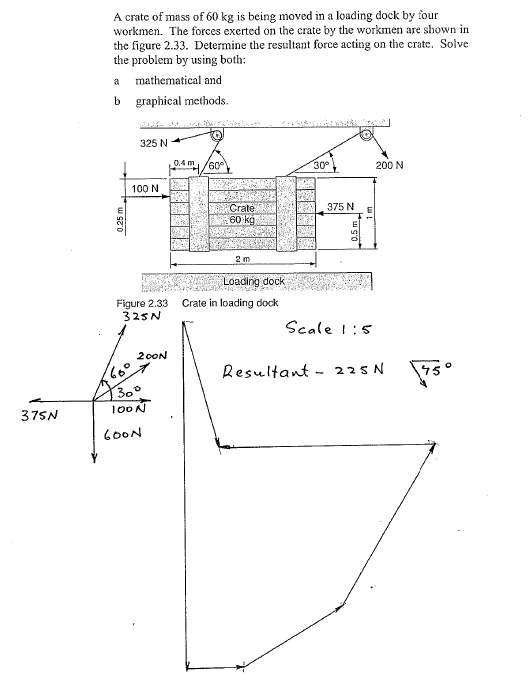


**Exercise 16**

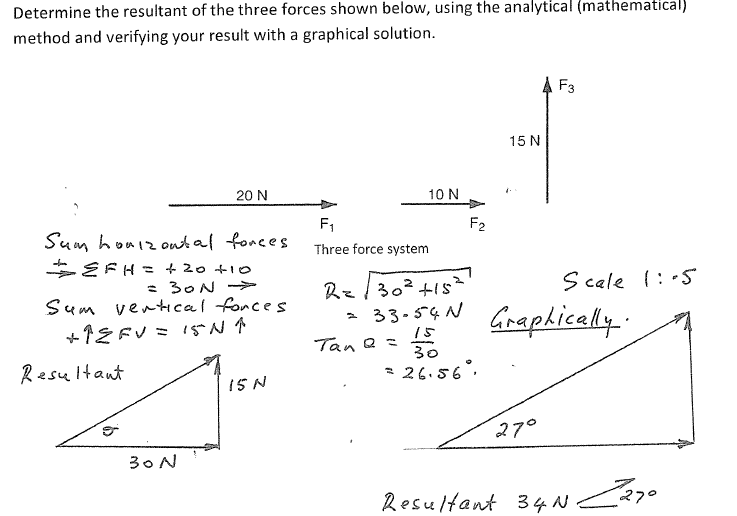
**Determine the change in tension in each sling when the girder is supported on its edge as shown in the diagram below.**



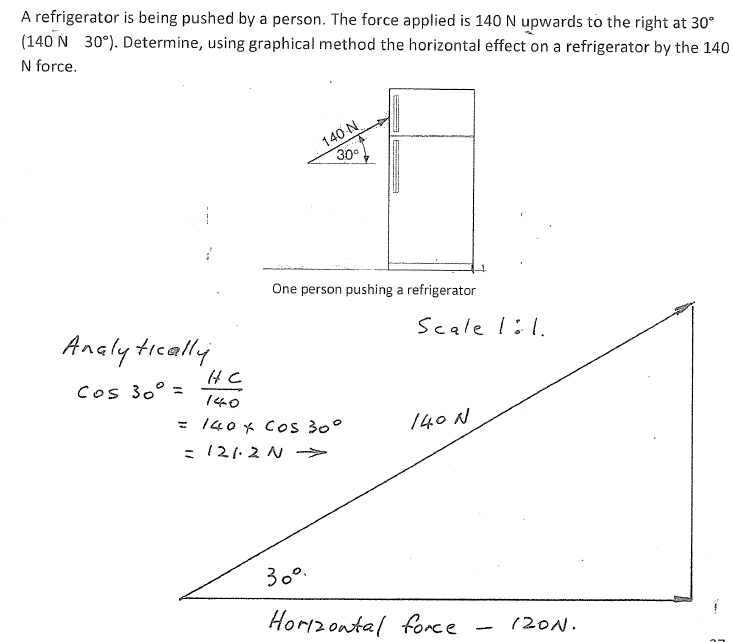
**Exercise 17**



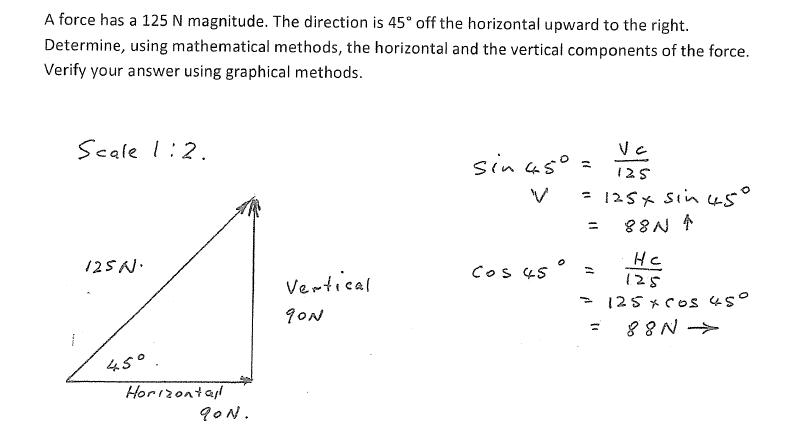
**Exercise 18**



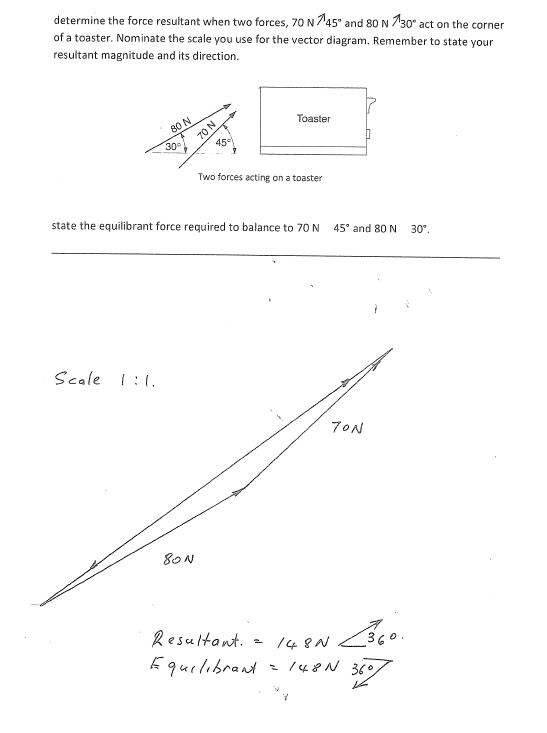
**Exercise 19**

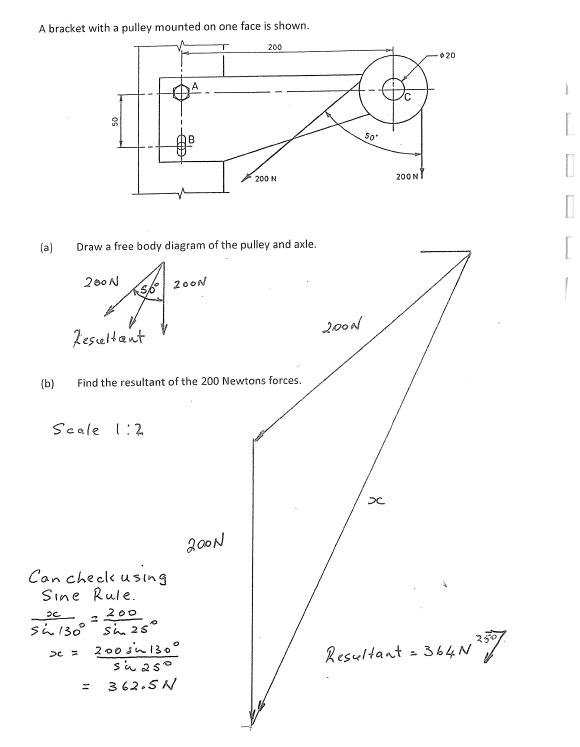


**Exercise 20**

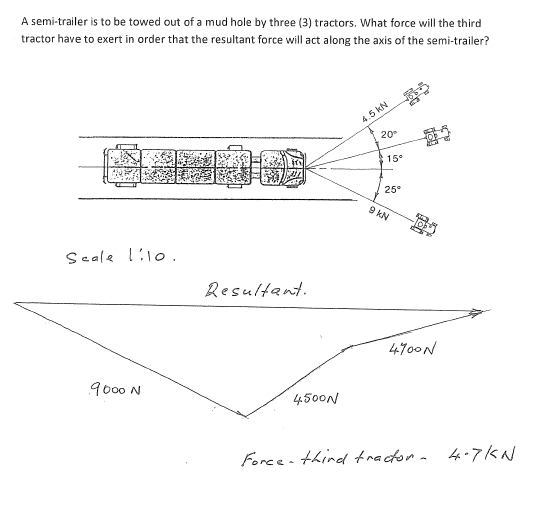


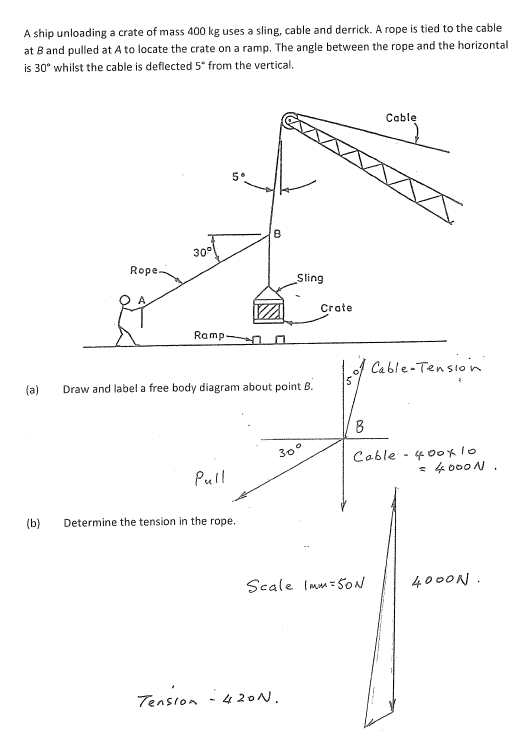
**Exercise 21**



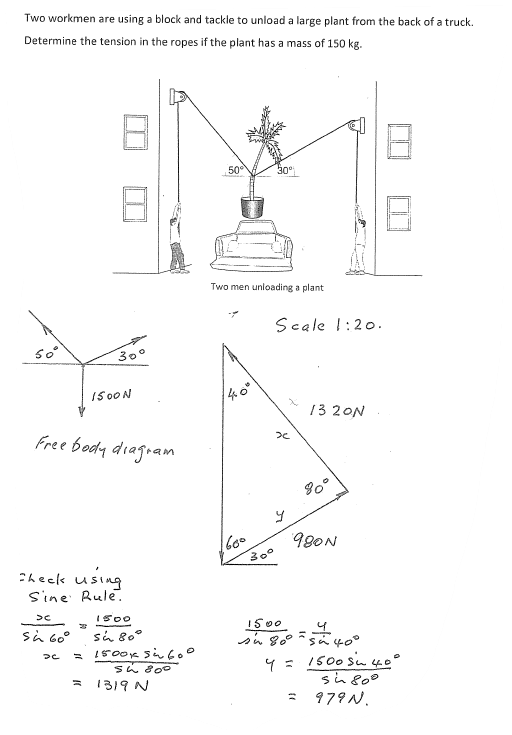
**Exercise 22**

**Exercise 23**

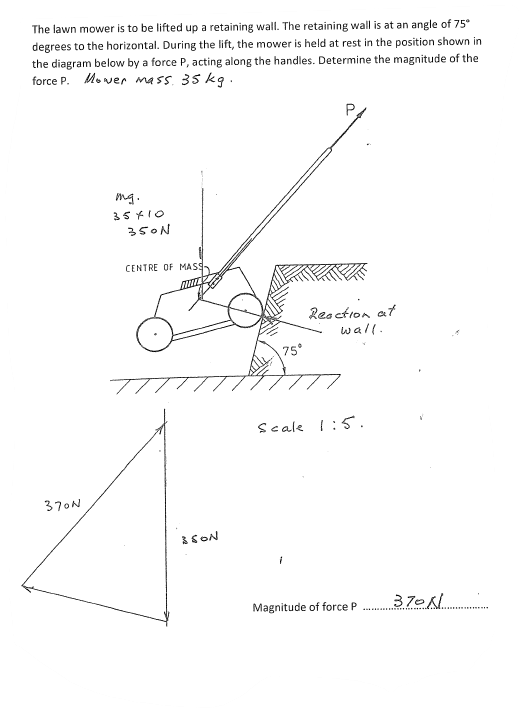


**Exercise 24**

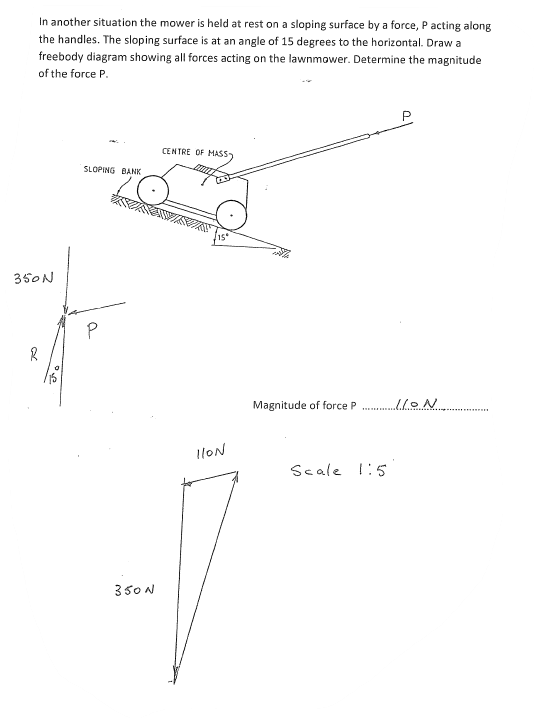
**Exercise 25**



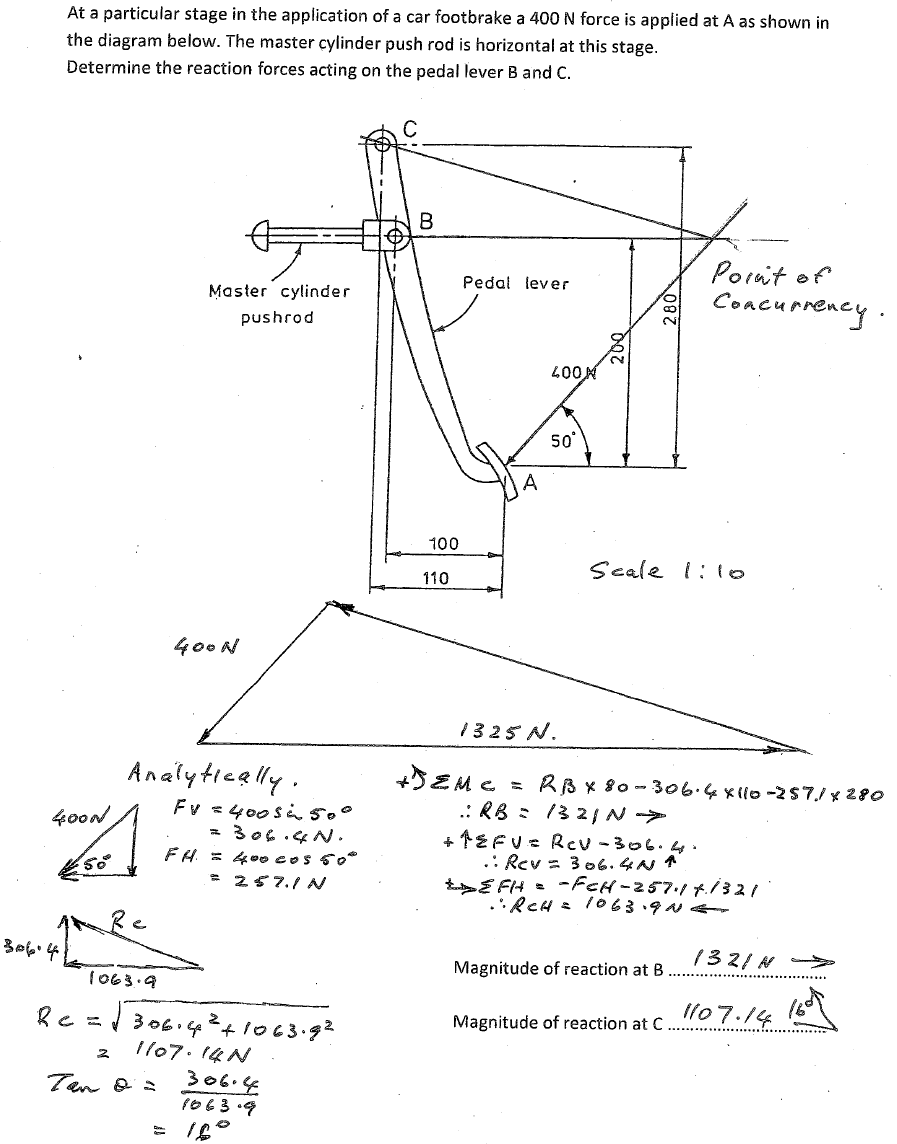
**Exercise 26**



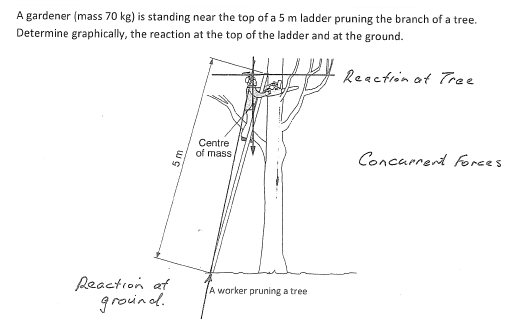
**Exercise 27**



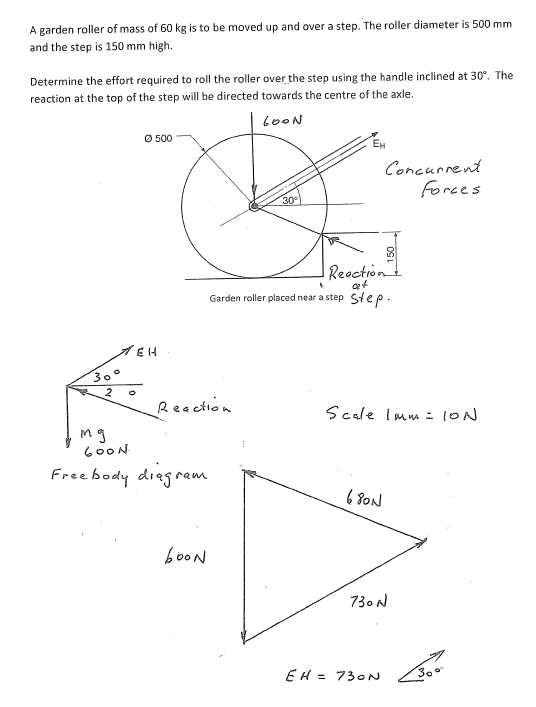
**Exercise 28**



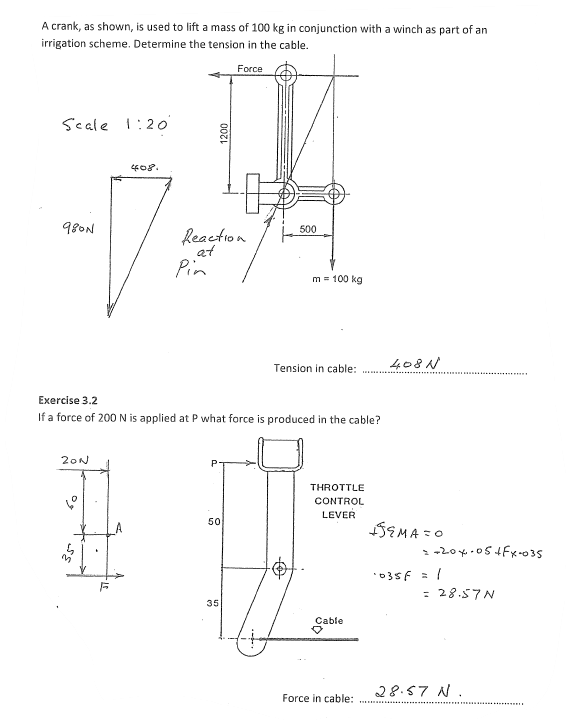
**Exercise 29**



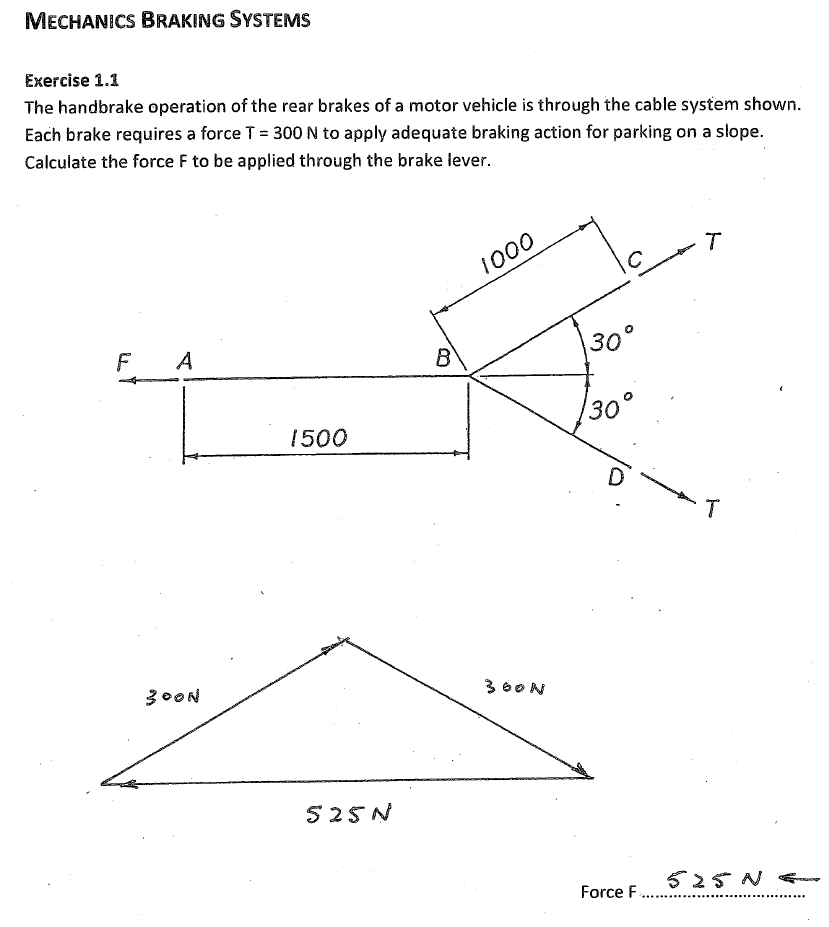
**Exercise 30**



**Exercise 31**



**Exercise 32**



**Exercise 33**

