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Every object in the universe attracts every other object with a force proportional to the product of their masses and inversely proportional to the square of the distance between their centres.



















![](_page_22_Figure_0.jpeg)

![](_page_22_Figure_1.jpeg)

![](_page_23_Picture_0.jpeg)

## **Problems**

Text Book Chapter Five: Edition 5

10, 18, 23, 30