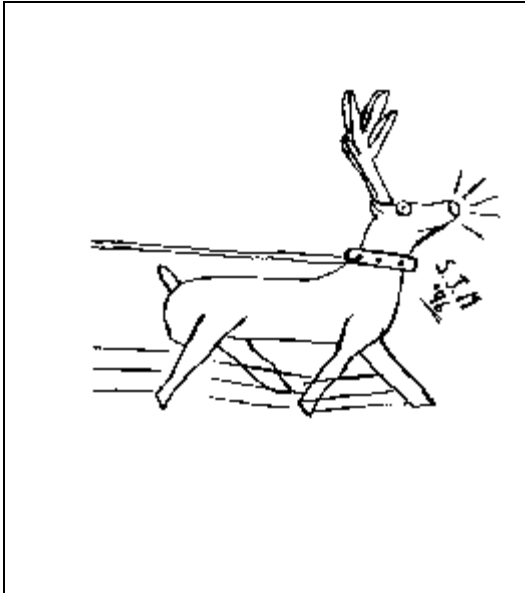


# Ex 7 Rudolph's trouble with the third law

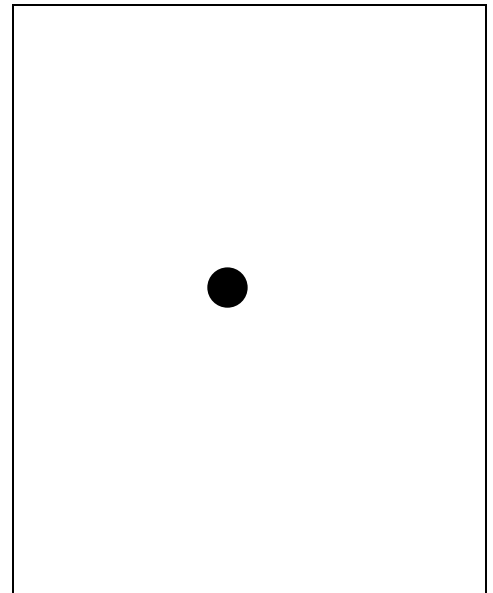
Names

3 Draw and label all the forces acting on Rudolph as he starts accelerating forwards

(a) on the picture of Rudolph

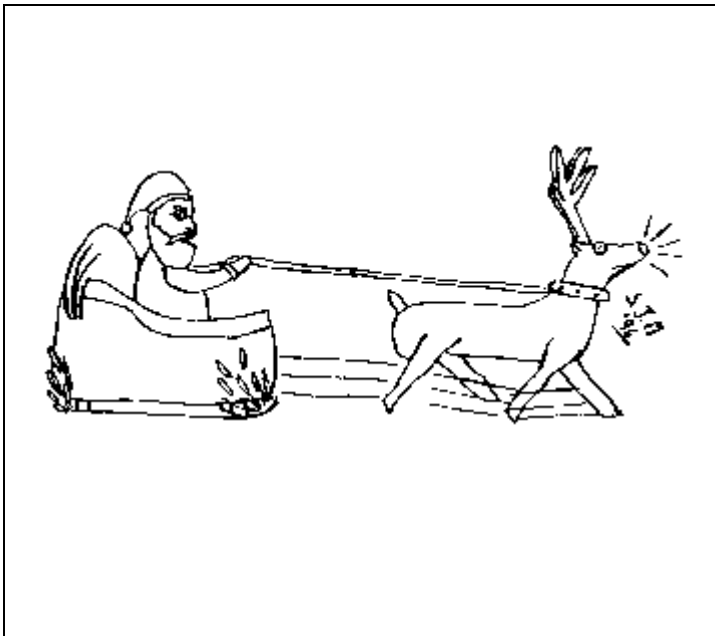


(b) on the free body diagram.

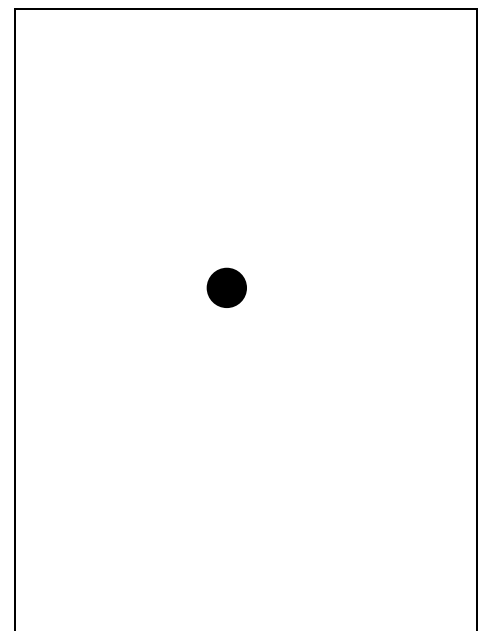


4 Draw and label all the forces acting on the system of Rudolph and the sleigh as they start accelerating forwards

(a) on the picture of Rudolph and the sleigh



(b) on the free body diagram.



5 Your final response to

- 1 Is Rudolph right in his response to Santa?
- 2 How does Rudolph start moving forward?