Unit F, Chapter 1, Forces and Motion

1. Average speed
2. Force
3. Newtons
4. Balanced forces
5. Gravity
6. Speed
7. Velocity
8. Unbalanced forces
9. Friction
10. Motion
11. Inertia
12. Force
13. Friction
14. Rub together
15. Unbalanced
16. Velocity
17. Speed/direction
18. Direction/speed
19. Size
20. Mass
21. Equal
22. Opposite
23. Gravity
24. Earth
25. You
26. A, mass
27. H, distance
28. D, balanced
29. F, opposite
30. D, remain at rest
31. The airplane pulls on the Earth with an identical force of 10,000 N because the force of gravitation acts with a force of equal magnitude on both objects.
32. The entertainer makes use of the property of inertia, which causes objects to tend to resist a change in their motion