

Answer Key

Challenge: Skills and Applications

1. no 2. no 3. yes 4. yes 5. yes 6. no

7. no 8. yes 9. $50,000 = \frac{0.015(4000)^2}{f}$

10. no 11. no 12. 4.8 Newtons; the drag force on the spacecraft would be 4.8 Newtons