1. A force of 1,500 N is needed to move a beached dolphin 15 m into the deep water. How much work must a group of people do on the whale in order to return it to the deep water?
2. A fish uses a force of 16 N to acclerate through the water. The fish moves a distance of 20 m. How much work is done by the fish during this period?
3. You must exert a force of 4.5 N on a book to slide it across a table. If you do 2.7 J of work in the process, what distance have you moved the book?
4. A small boat can do 98 J of work for a distance of 35 m. What is the force exerted by the boat?
5. A catcher picks up a baseball from the ground. If force on the ball is 0.07 N and 0.04 J of work is done to lift the ball, how far does the catcher lift the ball?
6. The force required to move a house a distance of 5.5 m is 3,150 N. How much work has been done on the house?
7. A child does 405 J of work to pull a sled up a snow-covered hill. If she walks a distance of 15 m up the hill, what force does she exert on the sled?
8. The smallest bird is the Cuban bee hummingbird. If this bird did 0.001 J of work by exerting a force of 0.0003 N, how many meters did it fly?
9. A forklift lifts a load a distance of 2.0 m above the ground. If the work done by the forklift is 180,000 J, what force does the forklift exert on the load?

10. A ball is moved 25 m using a force of 333 N. How much work is done on the ball?

11. How much work is done on an object with 25 kg of mass on Earth if it moves 13 m?

12. Object A has 250 J of work done on it with a force of 62 N. Object B has 275 J of work done on it with a force of 32 N. Which object moves the farthest?

13. Fred used a force of 53 N to move an object 7 m. How much work did he do?

14. A ship moves 330 m after 40,000 J of work is done on it. What force is used to do this work?