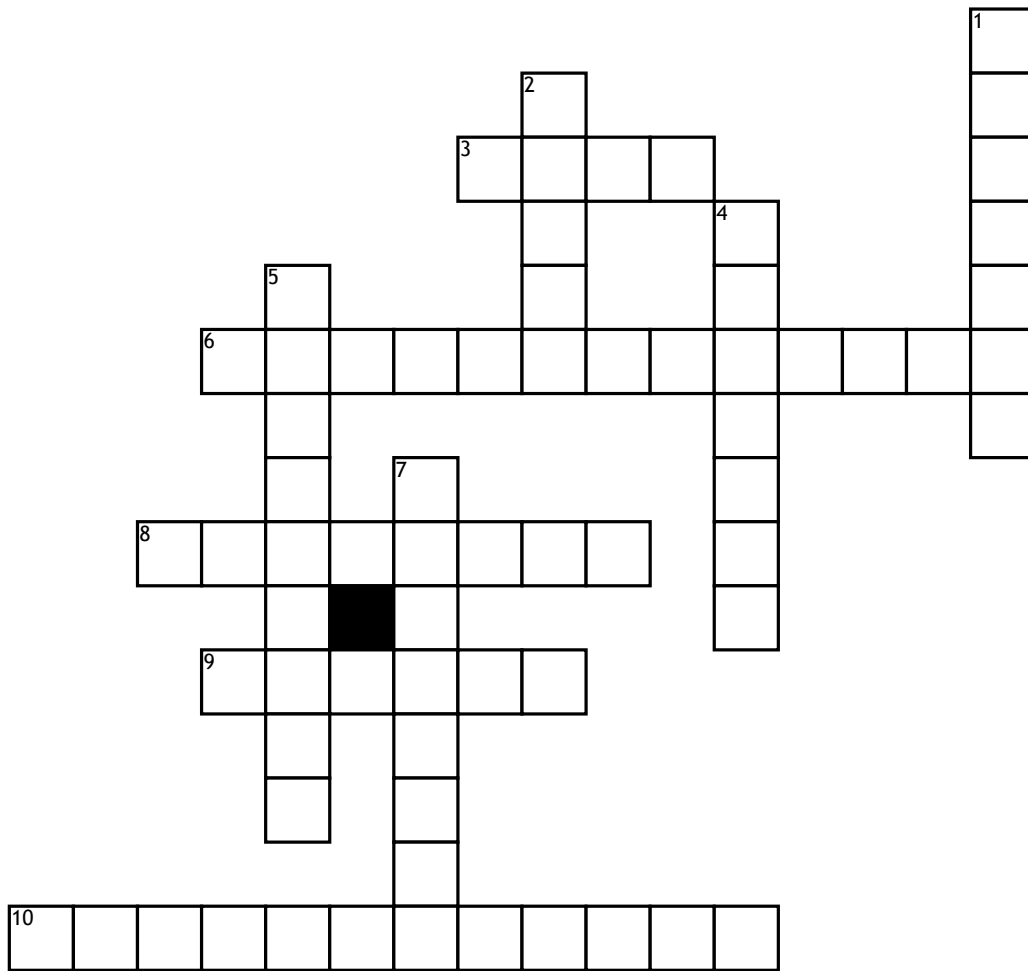


Pulley Crossword Puzzle



Across

- 3. What helps the pulley lift an object up?
- 6. What type of machine is a pulley?
- 8. Movable pulleys _____ the force needed to lift the object.
- 9. Movable pulleys are attached to the object being _____.
- 10. A _____ is a combination of fixed and movable pulleys that work together.

Down

- 1. A pulley consists of a _____ wheel with a rope or cable wrapped around it.
- 2. The example of a pulley on blinds does NOT change the _____ or the DISTANCE.
- 4. What is an example of a pulley that allows you to exercise more efficiently?
- 5. What does fixed pulley change?
- 7. The ideal mechanical advantage of a pulley or a pulley system is equal to the number of _____ of rope supporting the object.

Word Bank

- | | | | |
|----------------|---------------|-----------|---------|
| lifted | decrease | force | bicycle |
| simple machine | pulley system | direction | grooved |
| sections | rope | | |