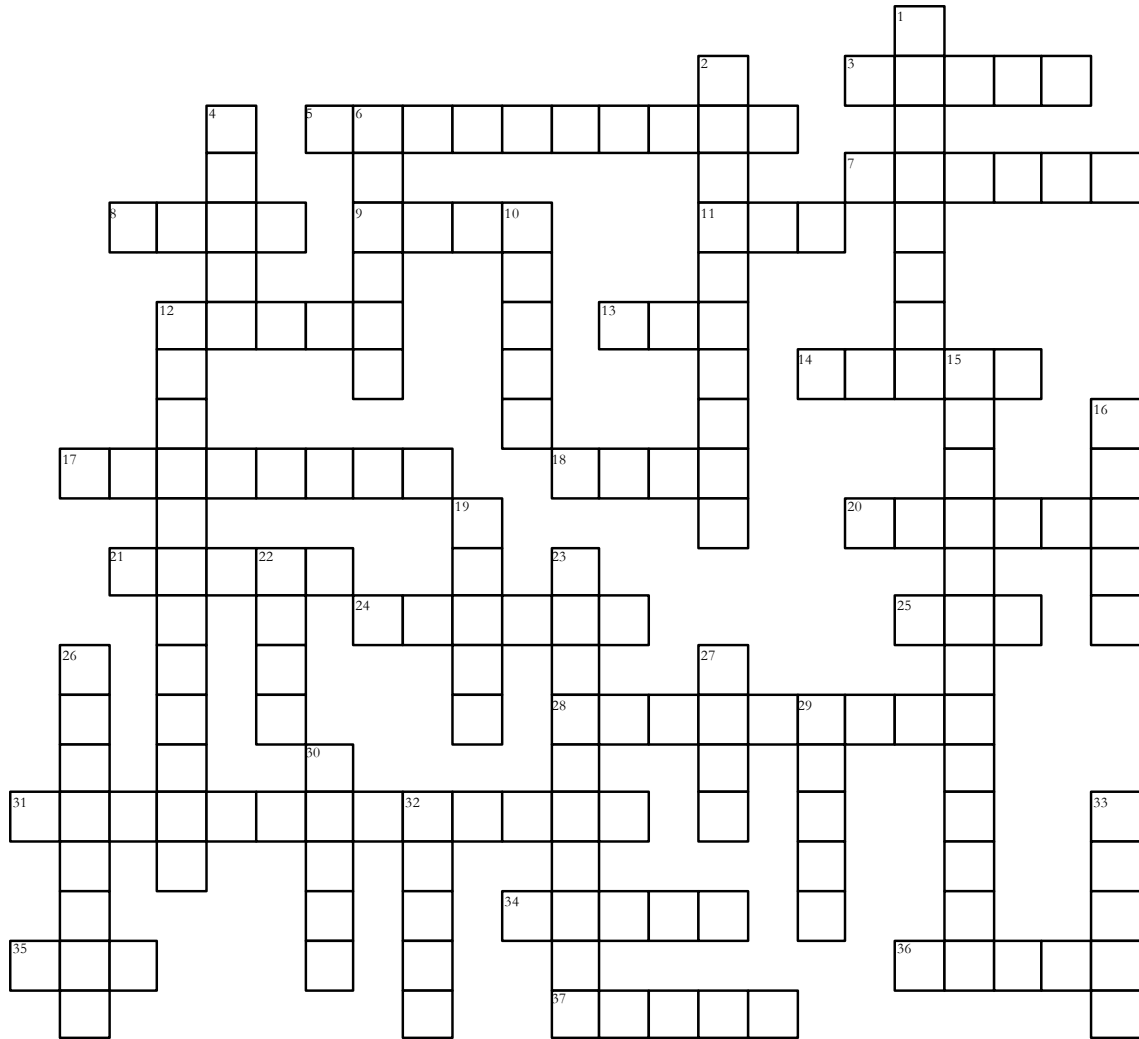


Simple Machines



Simple Machines

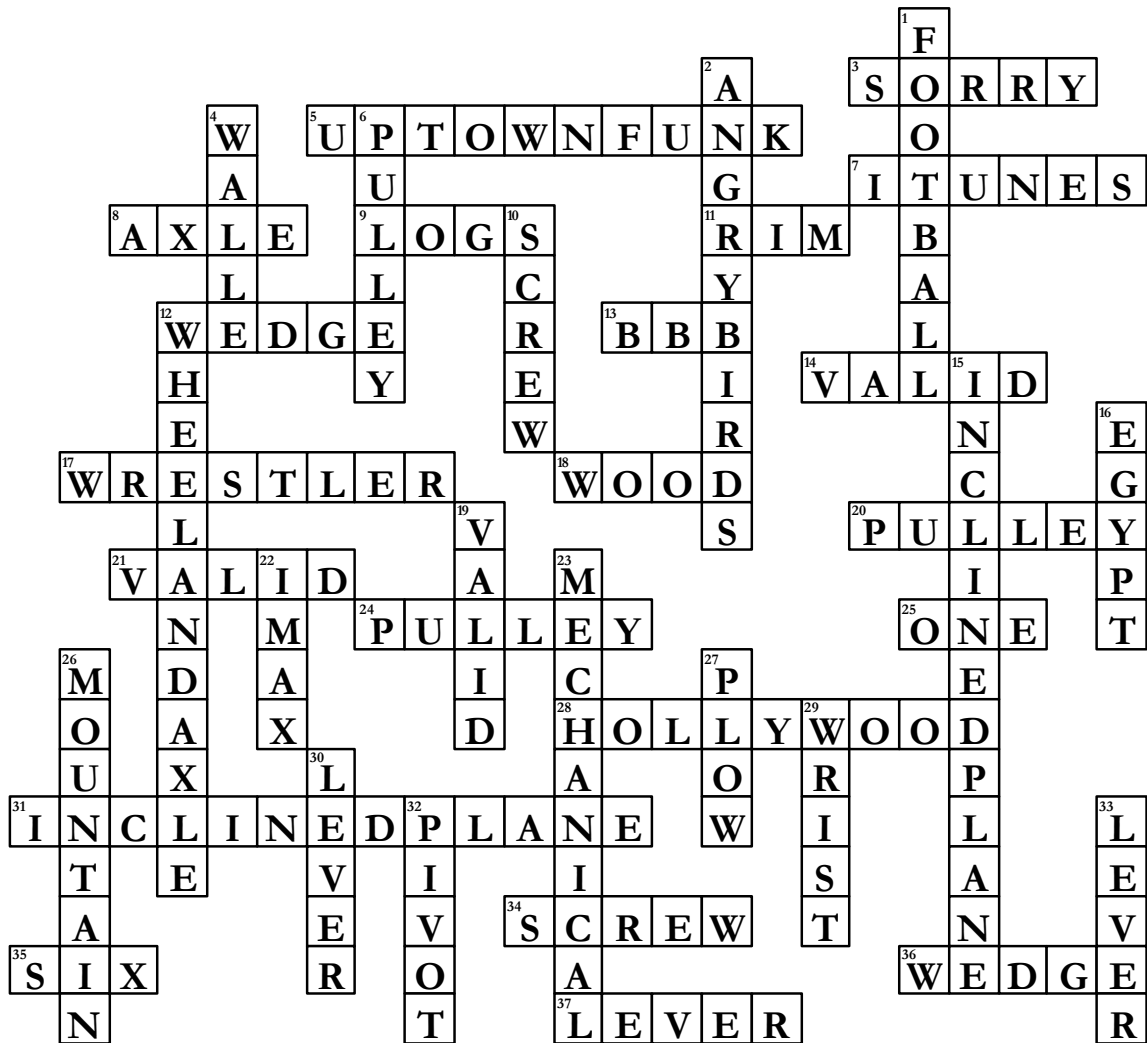
ACROSS

- 3 Title of one of Justin Bieber's 2015 hits
- 5 Probably the bestselling song in 2015 (Two words)
- 7 Apple's online digital media store
- 8 A wheel with an _____ is a lever able to rotate a complete circle
- 9 Before the wheel what were used as rollers to move heavy loads?
- 11 On what part of the wheel is an automobile tire mounted?
- 12 What do you call the simple machine made with two inclined planes?
- 13 Which of the following contains a term that is unrelated to others in the set:
AAA) Pittsburgh Pirates, Minnesota Twins, Houston Astros, Colorado Rockies
BBB) Tampa Bay Rays, Los Angeles Dodgers, Washington Nationals, New York Giants
CCC) New England Revolution, San Jose Earthquakes, Toronto FC, New York Red Bulls
DDD) San Francisco 49ers, Oakland Raiders, New England Patriots, Green Bay Packers
- 14 Valid or false: Metal screws have been found in some medieval armor
- 17 Dwayne Johnson was a professional _____
- 18 The first screws were made of _____
- 20 A crane uses which simple machine?
- 21 Valid or false: Rolling Stones lead singer Mick Jagger has a prehistoric swamp pig named after him. The fossils were discovered in Africa. The animal lived about 19 million years ago.
- 24 On a sailing ship what kind of simple machine is necessary?
- 25 Cam Newton's jersey number
- 28 City that is the center of the movie industry
- 31 A slide on the playground represents what kind of simple machine? (Two words)
- 34 An inclined plane that winds around itself is a simple machine called a _____
- 35 Which version of the iPhone was released in early September 2014?
- 36 Forks and knives are like what kind of simple machine?
- 37 A can opener is like what kind of simple machine?

DOWN

- 1 What professional sport did Tim Tebow play?
- 2 Very popular video game (Two words)
- 4 Movie about a small waste-collecting robot
- 6 Moving, fixed and compound are three types of which simple machine?
- 10 Which simple machine is a cylindrical barrel?
- 12 Windmills use which simple machine? (Three words)
- 15 One end is higher than the other on this simple machine which is basically a flat surface (Two words)
- 16 Which civilization first used spoked wheels?
- 19 Valid or false: Sharp teeth are considered a kind of wedge
- 22 This type of movie experience is higher, wider and bigger
- 23 The _____ advantage is the ratio of the load to the effort--for example, when using a lever
- 26 Type of bike riding done on rugged trails
- 27 Before the tractor what kind of wedge did farmers use?
- 29 First wearable device from Apple was to be worn where on the body?
- 30 Which simple machine consists of a bar or board that rests on a fulcrum?
- 32 Another name for the fulcrum is the _____ point
- 33 The building of the pyramids used which simple machine?

Simple Machines



Source: Physical Science Classroom Crossword Puzzles