Astronomy Crossword Puzzle

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| **Across****2.** An object whose gravity is so strong that nothing, not even light can escape.**5.** A loose collection of ice, dust, and small rocky particles, typically with a long, narrow orbit.**10.** A large cloud of gas and dust, spread out in an immense volume.**12.** A contracting cloud of gas and dust with enough mass to form a star.**15.** Rocky objects revoloving around the sun that are too small and numerous to be considered a planet.**16.** The study of moons, stars, and other objects in space.**17.** The spinning motion of a planet on its axis.**18.** An artificial body placed in orbit around the earth or moon or another planet in order to collect information or for communication.**19.** The apparent change in position of an object when seen from different places. **20.** The blue-white hot core of a star that is left behind after its outer layers have expanded and drifted out into space.**23.** An imaginary pattern of stars in the sky.**24.** A stream of electronically charged particles that emanate from the sun's corona.**25.** A huge, reddish loop of gas that protrudes from the sun's surface, linking parts of sunspot regions. | **Down****1.** The small, dense remains of a high-mass star after a supernova.**3.** The brilliant explosion of a dying supegiant star.**4.** One of the small asteroid-like bodies that formed the building blocks of the planets.**6.** The solid inner core of a comet.**7.** All of space and everything in it.**8.** A huge group of a single stars, star systems, star clusters, dusts, and gas bound together by gravity.**9.** The fuzzy outer layer of a comet.**11.** The force that pulls objects towards each other.**13.** A small, old, relatively coolo star.**14.** A dark area of gas on the sun's surface tht is cooler that surrounding gases.**21.** The movement of an object around another object.**22.** The tendency of an object to resist any change in its motion. |