



READING BLANKS

1. The average American household of four consumes 400 [] per day. Juxtapose this with the water use of many families in Africa and other parts of the [] world, who often [] as little as 5 gallons per day. Their morning looks very different, too: Mom wakes up and begins a sometimes miles-long trek to the [] water source to fetch all the water for the day's drinking, cooking, and cleaning. Her [] join her (girls are twice as likely as boys to be responsible for collecting water).

Gallons, sons, developing, consume, nearest, daughters, Litters, uses, far

2. The results show that the oldest trees no longer spend a lot of energy on _____, ramping down the production of cones and buds, slowing their growth considerably and prioritizing _____ tolerance and long-term durability. _____ trees also allow parts of their bodies to die and decay alongside living sections. These are _____ for living hundreds of years, and they make the oldest trees knotted, scarred and full of large and _____ scattered _____ sections, which are exploited by other forest life.

Dead, Reproduction, anxiety, adaptations, alive, oldest, stress, Ancient,

3. A one-two punch of unsustainable _____ withdrawals and changing climate has been _____ global water levels to fall on average, leading to water shortages, slumping land surfaces and _____ intrusion into aquifers. The new study suggests that groundwater decline has accelerated in many places since 2000, but also suggests that _____ losses can be reversible with better water _____. It's the first effort to synthesize global-scale groundwater data collected on site, rather than assessed by satellite.

Causing, balance, deepwater, this, groundwater, these, seawater, management,

4. The leopard is a solitary _____ of the bush and forest and is mainly nocturnal in habit, although it _____ basks in the sun. It is an agile climber and frequently stores the remains of its kills in the _____ of a tree. It feeds upon any animals it can overpower, _____ small rodents to waterbuck, but generally preys on the smaller and medium-sized antelopes and deer; it appears to have a special _____ for dogs as food and, in Africa, for baboons. It sometimes takes livestock and may _____ human beings.

Attack, For, liking, from, animals, branches, defend, sometimes, capable, move,



5. The International Union for Conservation of Nature (IUCN) has classified *P. pardus* as a vulnerable _____, with the number of leopards worldwide estimated at several hundred thousand individuals. The fortunes of each of the nine _____ leopard subspecies, however, vary greatly. Heavily qualified estimates place the population of African leopards (*P. pardus pardus*) at more than 700,000 animals, whereas the roughly 9,800-leopard-strong population of Indian leopards (*P. pardus fusca*) is thought to be _____. By 2020 the IUCN noted that the populations of the Sri Lankan leopard (*P. pardus kotiya*) and the Persian leopard (*P. pardus saxicola*) were _____ species and the Amur leopard (*P. pardus orientalis*), Arabian leopard (*P. pardus nimr*), and Javan leopard (*P. pardus melas*) continued to decrease, with several of these subspecies declining to _____ levels.

Event, recognized, type, endangered, species, improving, critical, fond, increasing

6. The appearance of a black coat may be _____ by other factors, such as the angle of incident light and the animal's life stage. For example, some melanistic leopards and jaguars _____ totally black coats, because the finer details of their fur may be masked by diffuse light. In full sunlight, however, the faint spotted _____ of the coat may emerge. Also, blackened or near-blackened coats may result from the retention of black _____ from the juvenile stage, which may complement other concentrations of dark-coloured fur, into adulthood. In other species, such as lynx, the appearance of black or near-black fur _____ also be explained by seasonal colour changes. Melanistic leopards and jaguars are uncommon, with some studies _____ that at most 11 percent of these animals have this coloration.

Display, Spots, estimating, shown, may, demonstrate, influenced, might, flinch, pattern,

7. Evaporation, one of the major _____ in the cycle, is the transfer of water from the _____ of the Earth to the atmosphere. By _____, water in the liquid state is transferred to the gaseous, or vapour, state. This transfer occurs when some _____ in a water mass have attained sufficient kinetic energy to eject themselves from the water surface. The _____ factors affecting evaporation are temperature, humidity, wind speed, and solar radiation. The direct _____ of evaporation, though desirable, is difficult and possible only at point locations. The _____ source of water vapour is the oceans, but evaporation also occurs in soils, snow, and ice.

Measurement, Evaporation, Main, prioritising, molecules, surface, method, principal, processes, modules, rotation.



8. Trusts are often used _____ to manage assets and pass them on to others after you die. When you set up your trust, the _____ of your property and assets passes to the trust, _____ manages them on your behalf and for the benefit of your beneficiaries. Depending on the type of trust, you _____ be able to protect your assets from lawsuits or garner tax advantages later on. The person who establishes the trust is called the grantor or the _____. A trust is managed by trustees, who are appointed to make sure the assets are used appropriately; sometimes the person setting up the _____ is also the trustee.

Might, leader, as a way, which, by, trust, creator, should have, ownership,

9. Some people _____ to establish irrevocable trusts _____ they provide a greater degree of protection for assets. It's _____ for someone to sue you and demand the assets in an irrevocable trust. There are some tax benefits associated with irrevocable trusts. And, as _____ revocable living trusts, you can use an _____ trust to pass assets down to another generation without going through the probate process. There are some drawbacks to using an irrevocable trust. The primary one is that you can't usually change an irrevocable trust once it's established.

Without, because, try, choose, with, harder, positive, irrevocable, Evid

10. The destruction of Columbia followed by almost exactly 17 years the _____ of Challenger in a launch _____ on January 28, 1986. Ironically, the cause of the Columbia catastrophe soon was determined to be launch-related as well. Films showed that a piece of insulating foam broke loose from the _____ propellant tank and struck the leading edge of the left wing approximately 81 seconds after liftoff. Bits of foam had detached in past _____ without serious mishap, and, at the time of the Columbia launch, National Aeronautics and Space Administration (NASA) engineers did not think that the foam carried enough momentum to cause significant damage. In fact, as demonstrated in post-accident tests, _____ capable of punching a large hole in the reinforced carbon-carbon insulation tiles that protected the shuttle's nose and wing leading edges from the extreme heat of atmospheric re-entry. _____ some engineers had wanted ground-based cameras to take photos of the orbiting shuttle to look for _____, the request did not get to the right officials.

Condense, Only, External, incumbency, damage, although, missions, vestige, loss, equivalent, accident, the foam was,