Fill in the gaps with the words from the box:

reversible	onset	shed	hibernation	ingest	from scratch

3. In Alaska, scientists are tracking another animal superpower. According to official statement and notes from the authors posted under the journal of Scientific Report, if the living beings or humans managed to sleep for as much as a black bear, the musculature of humans might start to fail due to a lack of regular exercise however, this is different **when it comes to** bears because when a bear comes from its lair **at the 1) _____ of springtime**, its physique is lean and muscular. Experts have spent so long seeking to understand out how this ability functions for ages, and **recent research reveals** that ionic compounds in bear plasma are important. They might still **aid in the prevention of** mass and strength damage in humans. Black bears are also able to regulate their metabolism independently from their body temperature. While other mammals lower their body temperature during **2)** _____ to almost zero degrees, black bears maintain it at around 35 degrees Celsius. Scientists consider it possible to transfer this ability to humans at some point in the future. It would give medical professionals more time for medical care in an emergency and astronauts would have to take less food with them on their journey. So black bears could even help us to fly to Mars.

4. Male deer, who 3) _____ their antlers annually, display their superpower every year through their incredible ability to grow their antlers 4)_____. And it is that the deer antlers is the only structure in mammals that fully regenerates every year, and as if that were not enough, it is the **fastest growing tissue** that exists (more even than cancer). This growth is so rapid – more than an inch and a half daily in less than 5 months – that male deer cannot 5)_____ enough minerals to supply their antlers, so they **suffer a process similar to human osteoporosis, but** 6) _____. **That is to say**, they are capable of mobilizing minerals from their bones to deposit them in the horns during their growth and, later, of **recovering the bone density** of those bones. In this way, understanding this process well, we could discover the way to **stimulate the limited regenerative capacity** of the human body, managing to treat this disease.