Write one word in each gap.

The scramjet

Imagine (**1**) ..... transported around the globe in a matter of hours, rather than the 24 hours which (**2**) ..... currently required to get from London to Sydney. Such is the promise of the scramjet, a highly experimental type of engine which has been (**3**) ..... development over the past couple of decades. In a conventional jet engine, air (**4**) ..... sucked into the engine at speeds below the speed of sound, where it is mixed (**5**) ..... fuel, ignited, and the exhaust gases provide thrust. In a scramjet, which has to (**6**) ..... taken to supersonic speeds by conventional means before it will operate, the air enters at supersonic speeds.

It has (**7**) ..... estimated that a scramjet might be capable of travelling at 12-24 times the speed of sound. However, the technology (**8**) ..... been found to be extremely difficult to control. Although scientists (**9**) ..... had scramjets perform short flights, commercial aircraft are still a long way in the future, and indeed may never (**10**) ..... successfully developed.

For questions 1–8, read the text below. Use the word given in capitals at the end of some of the lines to form a word that fits the gap in the same line.

The importance of natural light in the workplace

Recent studies have confirmed the views expressed by workers for years.	
(0) *Researchers* have been monitoring workers	RESEARCH
in different offices. Employees working under	
artificial lights showed some (1).....	REMARK
characteristics. First, having no natural	
daylight resulted in workers having problems	
with (2)..... Most were unable to work	CONCENTRATE
effectively for more than 20 minutes. Second,	
there were more instances of workers being	
(3)..... or aggressive towards colleagues.	POLITE
This may lead to a breakdown in	
(4)..... between co-workers.	FRIEND
(5)....., cases such as these were not	FORTUNE
isolated and it is clear that relationships were	
being harmed. Third, workers reported an	
(6)..... to get to sleep at night. Moreover,	ABLE
on average, they slept for 46 minutes less	
than workers who enjoyed natural light. In	
(7)....., there is no doubt that working	CONCLUDE
in a windowless office has serious affects.	
Employees' (8)..... suffers, as does their	PERFORM
general health.	

LIVEWORKSHEETS