

## WORD FORMATION

**FILL IN THE BLANKS WITH THE APPROPRIATE WORD FORMS LISTED IN THE BOX BELOW**

NOUN	VERB	ADJECTIVE
detective detectives detector detection	detect	detectable

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A polygraph is a machine that is often named a "lie (1) ..... ." It is used by some (2) ..... when they question subjects. The polygraph is based on the belief that, if a person is lying, his body will react with (3) ..... physical changes, such as increased blood pressure and heart rate. The machine (4) ..... these changes and records them. If the polygraph shows that physical changes occurred when the suspect answered, the (5) ..... concludes that the suspect is lying. However, polygraph tests are only 70-90% accurate. This means that 10-30% of those tested might escape (6) ..... even if they are guilty – or they might be considered guilty even though they are innocent.

**WORD FORMATION  
ANSWER KEY**

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- 1 – detector**
- 2 – detectives**
- 3 – detectable**
- 4 – detects**
- 5 – detective**
- 6 - detection**