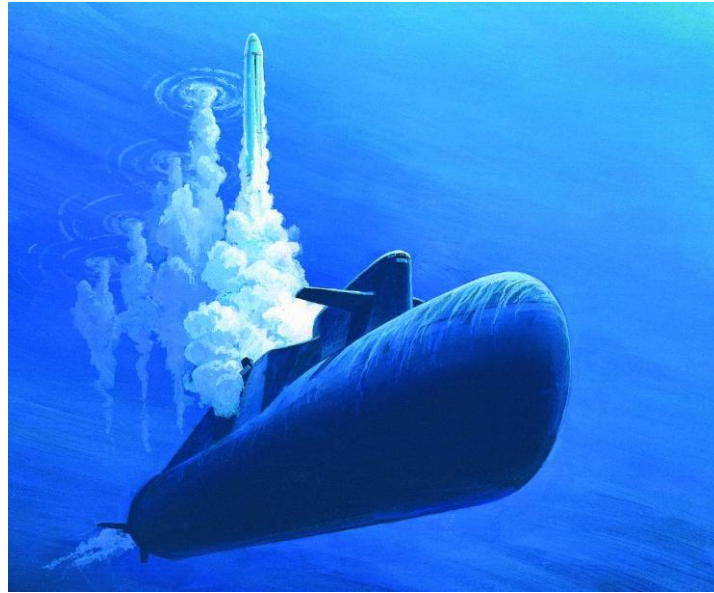


Rate Builders Level “H”

Rate builder exercises test the readers on the different levels of Bloom’s Taxonomy. Reading the material the reader acquires the **knowledge** presented in the rate builder. While reading, the reader practices paraphrasing the material to help the reader acquire **comprehension**. Answering the questions in the rate builder develops the reader’s **application** and **analysis** of the material presented in the rate builder. Some of the questions also call for the reader to **synthesize** and **evaluate** the information presented in the rate builder.

3A Rate Builder-Brown # 1



No two cars, even of the same make, sound exactly alike. One may have a noisy fan belt and a creak in the rear spring; another a tick in the engine and a rattle in the glove compartment.

Every submarine also has its own “noise signature.” Masses of machinery fill the hull of a modern submarine: there are pumps circulating the coolant around the reactor or maintaining oil and water pressures; there are the hydraulic and air-conditioning systems. Added to their sounds are the hum of electronics, the buzz of electric motors, even the faint whirr and rattle of the refrigerator in the crew’s galley.

Various instruments can pick up these complex noises. One device, “dipped” into the sea by helicopter and held steady, probes the underwater world for several miles. Then it is winched up and flown to another search area.

As distinctive as a fingerprint, a noise signature can serve to identify its owner. In Great Britain, the Royal Navy collects these signatures. It knows the sounds of its own submarines and those of its allies. It probably has a collection of “unknowns” – which may well be top secret.

1. Cars are described as:

- a. often sounding alike
- b. sounding alike when of the same make
- c. never sounding exactly alike
- d. sounding like submarines

2. **Noise signatures of submarines differ from those of cars in being:**

- a. alike b. distinctive c. simpler d. more complex

3. **Submarine machinery the author mentions includes:**

- a. pumps b. hydraulic systems c. air-conditioning systems d. All of the above

4. **The author cites other noises coming from:**

- a. a refrigerator b. missile-launching equipment
c. a submarine periscope d. All of the above

5. **The author's example of noise-detecting device is one carried aboard:**

- a. a patrol boat b. a helicopter c. an antisubmarine cruiser d. a submarine

6. **The author does not tell:**

- a. how this device is used b. what its range is
c. how it is taken aboard again d. whether it records sounds

7. **Implied but not stated:**

- a. The largest collection of fingerprints in Great Britain is at Scotland Yard.
b. Noise signatures are as distinctive as fingerprints.
c. In a collection of noise signatures, names of submarines are recorded with their sounds.
d. It is improbable that the Royal Navy collects signatures other than those of British ships.

8. **The main purpose of submarine detection is to:**

- a. keep track of possible sources of danger
b. control underwater sources of pollution
c. build up an international register of submarine noises
d. decide when to launch missiles.

3A Rate Builder-Brown # 2



Like many young Norwegians who escaped the German occupation of their country during World War II, Corie found his adventures complicated by language. On his way to the coast, he was stopped by a German patrol.

“They couldn’t speak Norwegian,” he recalled, “and I couldn’t speak German. But both the patrol leader and I knew a little English. So, standing on Norwegian soil, I was questioned in English by a German officer, and gave my replies in English.”

The replies must have been satisfactory, because he was allowed to proceed. There were still a few British soldiers hiding in Norway at the time. The night Corie escaped in a fishing boat, he managed to take two of them along.

The trio was picked up in the North Sea by a British destroyer. When its officers discovered Corie had rescued two British soldiers, they feasted him royally – until he felt he couldn’t eat another bite. But the officers pressed another helping on him. It was then that Corie’s English finally let him down.

“Thank you, gentlemen,” said he, to the consternation of his polite host, “but I am already fed up.”

1. The incident described took place:

- a. in Germany b. in Norway c. on the North Sea d. Both B and C

2. The author's main purpose was to illustrate the:

- a. courage of the Norwegians b. cruelty of war
c. complications of language d. difficulty of escaping an occupied country

3. Corie made his way to the coast in order to:

- a. remain in hiding b. escape by boat c. go fishing d. rescue two British soldiers

4. The situation was strange in that both the patrol leader and Corie could

- a. speak only Norwegian b. understand only German
c. speak only English d. None of the above

5. The Germans allowed Corie to proceed because:

- a. his English was good b. he could not speak German
c. they could not understand Norwegian d. None of the Above

6. The officers of the British destroyer were please because Corie

- a. brought them useful information b. had rescued two British soldiers
c. was an old friend d. could act as an intelligence agent

7. Corie refused another helping because

- a. he was full b. he wanted to be polite c. his English was limited d. he was seasick

8. To the English officers, the words *fed up* meant

- a. stuffed with food b. bored or disgusted c. used to a diet d. Both A and B

Answer Key for 3A Rate Builders-Brown

Rate Builder 3A-Brown #1

- (1) Answer is “C.” The answer is given in the reading in the first sentence.
- (2) Answer is “D.” For this answer you must read all the material given on the second paragraph. When reading that paragraph you will find that on a submarine there are more things that create noise, thus making them more complex.
- (3) Answer is “D.” Again the answer is found in the material in the second paragraph. In that paragraph you will find pumps, hydraulic systems, and air-conditioning systems mentioned.
- (4) Answer is “A.” The answer is mentioned in the last sentence of the second paragraph.
- (5) Answer is “B.” The answer is given on the third paragraph second sentence.
- (6) Answer is “D.” For this answer you must read all the selection; you will find that the selection does not give us the answer “whether it records sounds.”
- (7) Answer is “C.” Although fingerprints are mentioned in the last paragraph, the reading does not imply or state anything about fingerprints, the answer is not “A.” There is no implication of statement that fingerprints and noise signatures similar, the answer is not “B.” Answer “C” is mentioned in the reading, so it is not implied. Answer “C” is correct. You have to reason it out that to keep track of the signatures, they must use names of the submarines or assign it a name to keep track of the noise signature.
- (8) Answer is “A.” This answer requires some thought on your part. Knowing the noise signatures of various submarines will not control underwater sources of pollution, thus “B” is not the answer. Answer “C” is given in the last paragraph, but it is not given as a reason for maintaining submarine detection. Answer “D” is not the answer because reason would dictate that more than noise signatures would be needed to decide when to launch missiles. By eliminating the other answers we can see that answer “A” is the most logical.

Rate Builder 3A-Brown #2

- (1) Answer is “D.” The first part of the story takes place in Norway when Corie encountered the German patrol, and the second part takes place on the North Sea when Corie is aboard the British destroyer and talks to the officers from that ship.
- (2) Answer is “C.” Thinking about this you will find that in both situation Corie has difficulties with communications because the language creates problems for him. Also you will find that the first sentence of the first paragraph mentions “complications by language.”
- (3) Answer is “B.” You will find the answer given in the last sentence of the third paragraph.
- (4) Answer is “D.” Answer “A” is wrong because the patrol leader could not speak Norwegian. Answer “B” is wrong because Corie could not speak German. Answer “C” is also not right because both Corie and the patrol leader spoke some English.
- (5) Answer is “D.” The selection does not give a reason; it only states that the answers must have been satisfactory.
- (6) Answer is “B.” In the fourth paragraph, it states, “When its officers discovered Corie had rescued two British soldiers, they feasted him royally.” It says to us that the officers were pleased.
- (7) Answer is “A.” When you cannot eat another bite, this should mean that he was full.
- (8) Answer is “B.” For this question you should use a dictionary. In the dictionary the definition for “*fed up*” is bored or disgusted.