



Code Breaker - set samples - paper 1

You're given four words, but only three corresponding codes, arranged randomly.

Use logic to match each code to its proper word and answer the questions.

1. **SWAY** **BUYS** **SAYS** **SUBS**
 4534 **4614** **1634**

A) What is the number code for the word SUBS? ans _____

B) Using the mapping above, what is the code for BAYS? ans _____

C) Which word has the code 1643? ans _____

2. **BAGS** **RAPS** **SAPS** **RAGS**
 4531 **4561** **2561**

A) What is the number code for the word RAGS? ans _____

B) Using the mapping above, what is the code for BARS? ans _____

C) Which word has the code 1531? ans _____

3. **FLOW** **WORD** **DOLL** **WOLF**
 5312 **5346** **2344**

A) Find the code that corresponds to the word WOLF. ans _____

B) Determine the code for ROOF using the given mapping. ans _____

C) What word decodes to 6435? ans _____



Code Breaker - set samples - Answers

1. A) 4614 — S = 4, U = 6, B = 1, S = 4
B) 1534 — B = 1, A = 5, Y = 3, S = 4
C) BUSY — B = 1, U = 6, S = 4, Y = 3
2. A) 4561 — R = 4, A = 5, G = 6, S = 1
B) 2541 — B = 2, A = 5, R = 4, S = 1
C) SAPS — S = 1, A = 5, P = 3, S = 1
3. A) 5346 — W = 5, O = 3, L = 4, F = 6
B) 1336 — R = 1, O = 3, O = 3, F = 6
C) FLOW — F = 6, L = 4, O = 3, W = 5