VERBAL REASONING 11+

Crack the Code: Letter Shifts

Name: Date:

Watch the video first: search **Elizabeth Rose Tutoring** on YouTube – "Crack the Code: Letter Shifts".

Remember

1. Write the word and its code one above the other.
2. Use the alphabet to count how far the first letter moves (+1, +2, –1…).
3. Check that every letter moves the same way.
4. Use the rule on the new word. Remember: after Z, go back to A.

Worked example

If CAT is written as DBU, what is DOG?
C → D is +1, A → B is +1, T → U is +1. So DOG → **EPH**.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Your turn

1. If DOG is written as EPH, what is the code for CAT?
   Answer: .....

2. If PEN is written as RGP, what is the code for TOP?
   Answer: .....

3. If MAP is written as LZO, what is the code for SUN?
   Answer: .....

4. If HAT is written as KDW, what is the code for BIG?
   Answer: .....

5 If FROG is written as GSPH, what is the code for TOAD?

Answer: .....

6 In a code, CAKE is written as DBLF. What word is written as SBJO?

Answer: .....

7 If BELL is written as DGNN, what is the code for ROSE?

Answer: .....

8 If YES is written as ZFT, what is the code for ZIP?

Answer: .....

Challenge

C1 If CAT is written as DCW, what is the code for DOG? (Look carefully: does every letter move the same amount?)

Answer: .....

C2 In a code, LIME is written as NKOG. What word is written as DQCV?

Answer: .....

Well done! Check your answers with a grown-up.

Answers: Crack the Code: Letter Shifts

For parents and tutors. You may want to print this page separately.

1	DBU (+1)
2	VQR (+2)
3	RTM (−1)
4	ELJ (+3)
5	UPBE (+1)
6	RAIN (go back 1)
7	TQUG (+2)
8	AJQ (+1; Z goes back round to A)
C1	EQJ (+1, +2, +3)
C2	BOAT (go back 2)