

Name : \_\_\_\_\_

Date : \_\_\_\_\_

**Think Sheet 5**  
**Problem Solving**

**Grade 3**

**Coding & Decoding**

Section : \_\_\_\_\_

Roll No : \_\_\_\_\_

**A. Answer the following.**

1. If a is coded as 1, b as 5, c as 3 and d as 9

Then choose the option which is correctly coded for the word 'bad'

- a) 359      b) 519      c) 159      d) 953

2. If PAINT is coded as 74128 and EXCEL as 93596, then how would you encode ACCEPT.

- a) 455978      b) 547978      c) 554978      d) 735961

3. In a certain code , 2 is coded as P, 3 as N, 9 as Q, 5 as R, 4 as A and 6 as B.

How is 599423 coded ?.

- a) EIIDBC      b) RQPANB      c) EIMDBC      d) RQQAPN

4. If 15789 is coded as XTZAL and 2346 is coded as NPSU.

How is 23549 coded?

- a) NPTUL      b) PNTSL      c) NPTSL      d) NBTSL

5. If A is coded as 7, T is coded as 8, Q is coded as 0 and P is coded as 5.

How is TAP coded?

- a) 057      b) 805      c) 875      d) 078

**B. Decode the words from your spelling list using the secret codes.**

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

1. STAR -

2. BLUE -

3. OWL -

4. TIGER -

5. UMBRELLA -

6. GRAPES -

7. MOBILE -

8. FATHER -

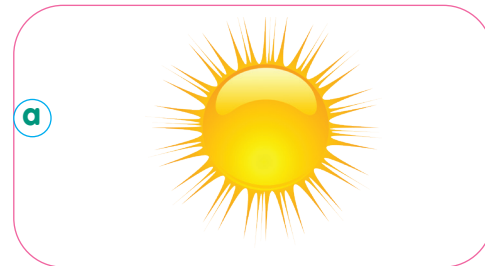
9. BODY -

10. ROSE -

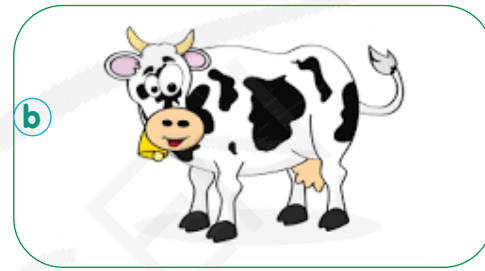
C. Match the following words to its pictures by decoding the words using secret code.

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

1 YRIW



2 ZKKOV



3 HFM



4 XLD

