Word Puzzle for Location

Form six 9-letter words reading across by combining two 3-letter blocks with the endings in the grid.
All blocks will be used. If you do it correctly, one of the vertical columns will spell a bonus word.

	A	B	C	D	E	F	G	H	I
1							G	H	T
2							A	C	K
3							I	S	T
4							C	I	S
5							L	T	O
6							O	M	E

A	N	A

O	N	S

B	O	S

P	R	O

C	O	N

R	C	H

E	C	R

T	R	A

L	A	U

V	E	L

O	D	R

W	I	S

Location =   **G1-C6-A3-E2-B2-F5-D1-D4-C6-F1-D2-F3-B2-G5-D1-F4**

Math Puzzles for Compass Bearing

A.   Following the logic used in the first three grids below, fill in the missing number in the fourth square.

1	3
16	4

5	5
30	5

6	2
30	7

1	1
?	1

_____ **A**

B.   Emily has five more brothers than she has sisters, but her brother Jake has twice as many brothers as he has sisters.

How many siblings are in the family?   _____ **B**

C.   Tyler is looking at a pair of shoes and trying to figure out how much they cost originally.
The tag says: "Reduced 50%, then 20%, and now cost $40."

How much did they cost originally?   _____ **C**

D. Supply the missing number:

ACE   =   9
COW   =   41
ALL   =   25
HIGH   =   32
BAY   =   ?

_____ D

E. A hat contains 40 colored slips of paper. The colors are red, green, and blue.
There are twice as many green slips as blue slips, and the number of red slips is five greater than the number of green slips.

How many blue slips are there?

_____ E

Compass Bearing =   (A*B)+C+(D*E)