

SEND  
+ MORE  

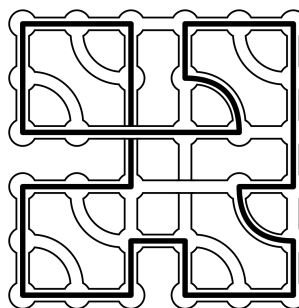
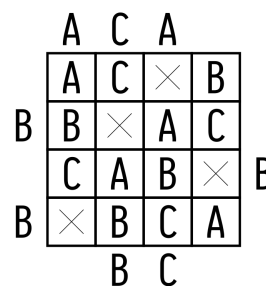
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MONEY

$$\begin{array}{r} 9567 \\ + 1085 \\ \hline 10652 \end{array}$$

|   |   |   |   |   |
|---|---|---|---|---|
|   | A | C | A |   |
| B |   |   |   |   |
| B |   |   |   | B |
|   | B | C |   |   |

use letters  
A, B, C



## 1 Alphametics

1. [4 points]

$$\begin{array}{r} \text{DOG} \\ + \text{LOG} \\ \hline \text{GOOD} \end{array}$$

$$\begin{array}{r} \square\square\square \\ + \square\square\square \\ \hline \square\square\square\square \end{array}$$

2. [7 points]

$$\begin{array}{r} \text{UN} \\ \text{UN} \\ + \text{NEUF} \\ \hline \text{ONZE} \end{array}$$

$$\begin{array}{r} \square\square \\ \square\square \\ + \square\square\square\square \\ \hline \square\square\square\square \end{array}$$

3. [10 points]

$$\begin{array}{r} \text{STEVE} \\ + \text{STEVE} \\ \hline \text{APPLES} \end{array}$$

$$\begin{array}{r} \square\square\square\square\square \\ + \square\square\square\square\square \\ \hline \square\square\square\square\square\square \end{array}$$

4. [13 points]

COMPLEX  
 + LAPLACE  
 -----  
 CALCULUS

    □ □ □ □ □ □ □  
 +   □ □ □ □ □ □ □  
 -----  
 □ □ □ □ □ □ □ □

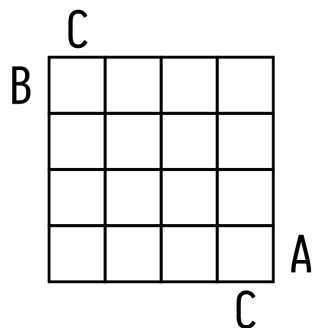
5. [16 points]

BEARLIKE  
       YELLOW  
 +        BEAR  
 -----  
 BERKELEY

    □ □ □ □ □ □ □ □  
       □ □ □ □ □ □ □  
        □ □ □ □  
 +                    □ □ □ □  
 -----  
 □ □ □ □ □ □ □ □

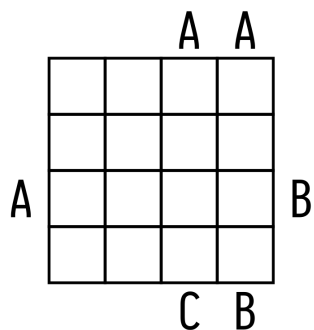
## 2 ABC

1. [4 points]



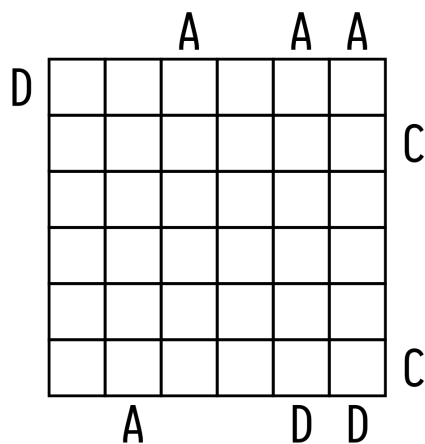
use letters  
A, B, C

2. [7 points]



use letters  
A, B, C

3. [10 points]



use letters  
A, B, C, D

4. [13 points]

|   |  |   |   |   |  |
|---|--|---|---|---|--|
|   |  | B | B |   |  |
|   |  |   |   |   |  |
| C |  |   |   |   |  |
| C |  |   |   |   |  |
| A |  |   |   |   |  |
|   |  |   |   |   |  |
|   |  | B | A | A |  |

use letters  
A, B, C

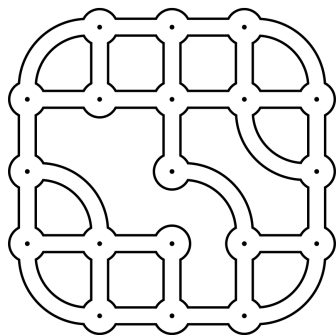
5. [16 points]

|   |  |   |   |   |   |   |   |   |
|---|--|---|---|---|---|---|---|---|
|   |  | B | E | A | D | E | D |   |
|   |  |   |   |   |   |   |   | F |
| D |  |   |   |   |   |   |   | A |
| A |  |   |   |   |   |   |   | D |
| B |  |   |   |   |   |   |   | E |
|   |  |   |   |   |   |   |   | D |
| F |  |   |   |   |   |   |   |   |
| E |  |   |   |   |   |   |   | A |
| D |  |   |   |   |   |   |   |   |
|   |  | A | C | E |   | B | E |   |

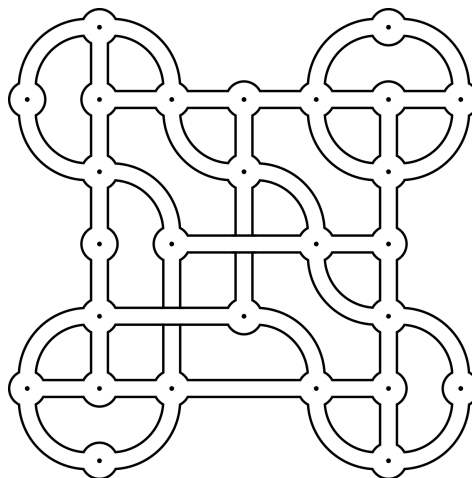
use letters  
A, B, C, D, E, F

### 3 Hamilton Maze

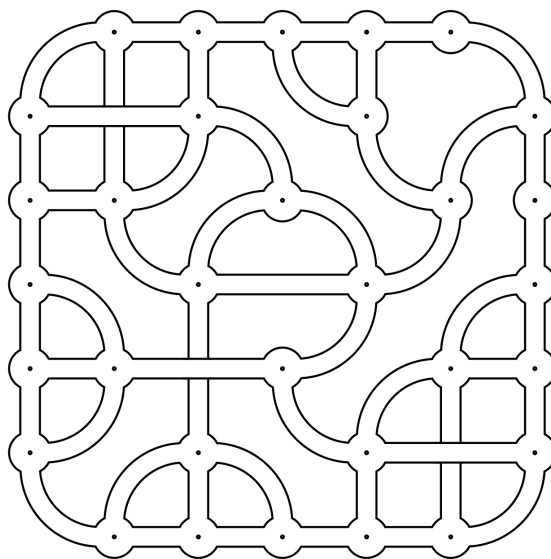
1. [4 points]



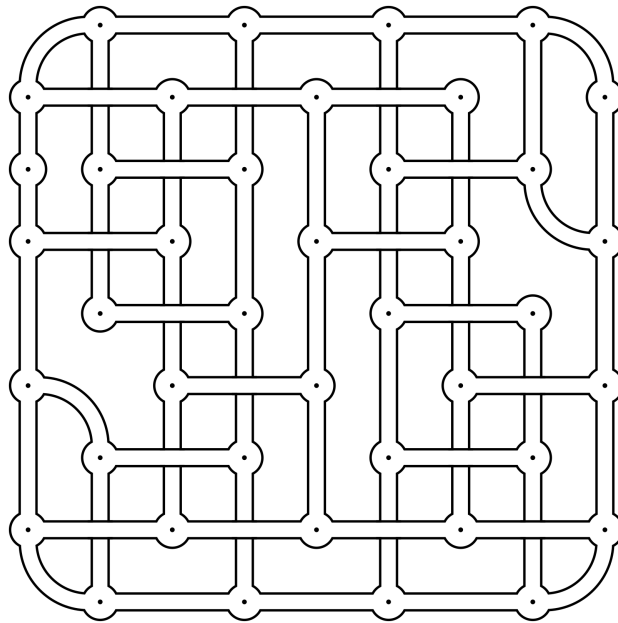
2. [7 points]



3. [10 points]



4. [13 points]



5. [16 points]

