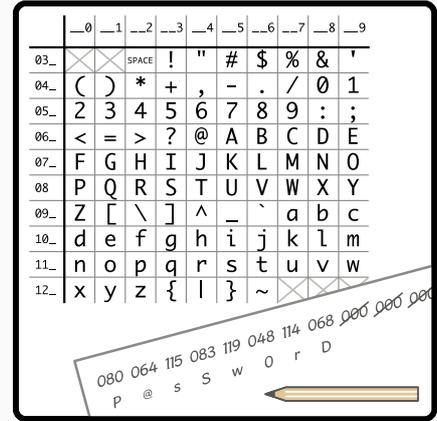
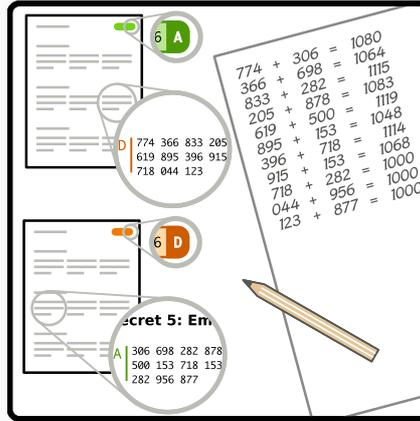
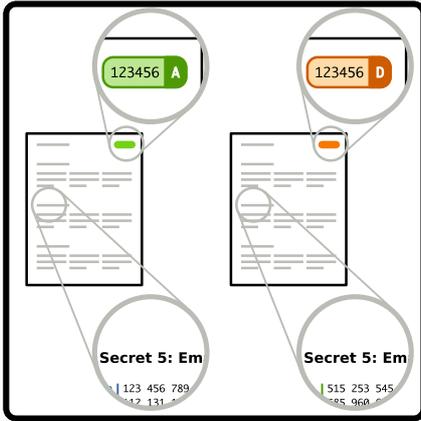




This is an example secret sharing pad.

## Decryption instructions



**1.** Obtain another secret sharing pad with the same pad number as this one, but different letter, printed at the top right. Find the secret you want to decrypt on both pads.

**2.** Find the list of three-digit codes printed next to the letter of the other pad. Working left-to-right, add the codes on the first pad to the codes on the second pad and write down the answers.

**3.** Use the table above to turn the last three digits of each sum into a character. Stop when you find a sum whose last three digits are '000'. The remaining codes just hide the secret's real length.

**Troubleshooting:** The last three digits of summed codes should be either 000 or between 032 and 126. If this is not the case, check the pad numbers match and that you're looking at the correct list of codes. Check your steps against the example in the pictures above.

**Using spreadsheet (optional):** Copy the three-digit codes for your two pads into columns A and B of your spreadsheet. Type =MOD(A1+B1, 1000) into cell C1 and =CHAR(C1) into cell D1. Use auto-fill to repeat the formulae in columns C and D over the remaining rows.

## Secret 1: IRC Password

This is the password for the username 'AzureDiamond'.

**B** | 462 818 340 492 452 318  
| 252 906 058 394 954 216

**C** | 192 328 914 092 992 746  
| 964 336 976 282 352 300

**D** | 772 170 496 130 696 416  
| 838 864 192 374 616 224

## Secret 2: Luggage combination

**B** | 520 028 364 190 476

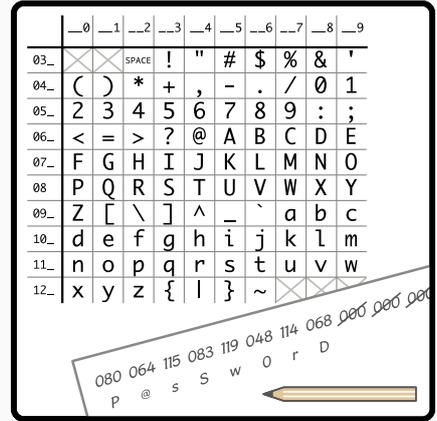
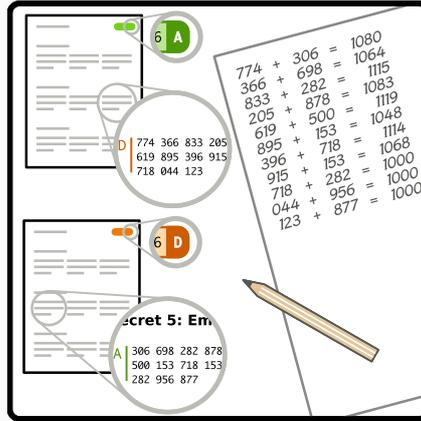
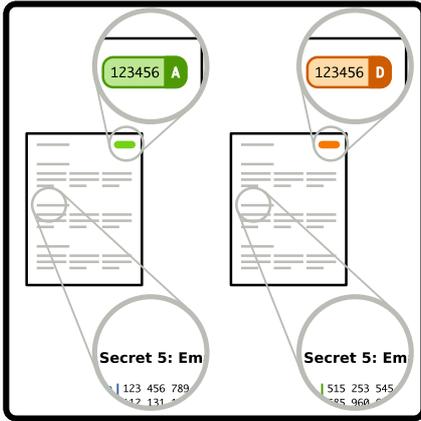
**C** | 578 470 142 916 798

**D** | 694 464 908 220 460



This is an example secret sharing pad.

## Decryption instructions



1. Obtain another secret sharing pad with the same pad number as this one, but different letter, printed at the top right. Find the secret you want to decrypt on both pads.

2. Find the list of three-digit codes printed next to the letter of the other pad. Working left-to-right, add the codes on the first pad to the codes on the second pad and write down the answers.

3. Use the table above to turn the last three digits of each sum into a character. Stop when you find a sum whose last three digits are '000'. The remaining codes just hide the secret's real length.

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### Secret 1: IRC Password

This is the password for the username 'AzureDiamond'.

A | 642 299 770 624 649 796  
798 094 942 606 046 784

C | 810 982 170 188 236 786  
844 590 898 758 294 564

D | 378 176 636 992 446 798  
890 920 294 932 428 800

### Secret 2: Luggage combination

A | 529 022 687 862 577

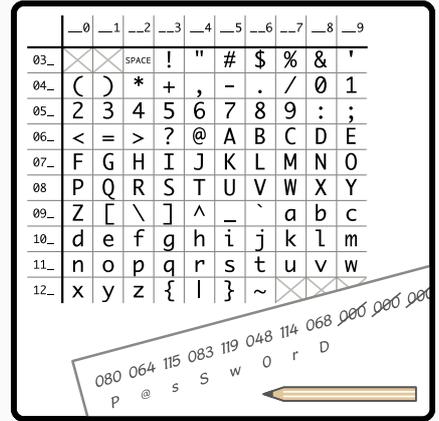
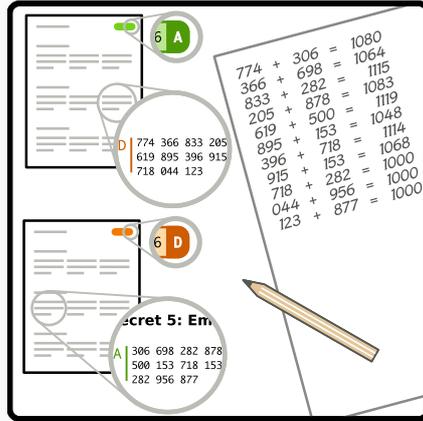
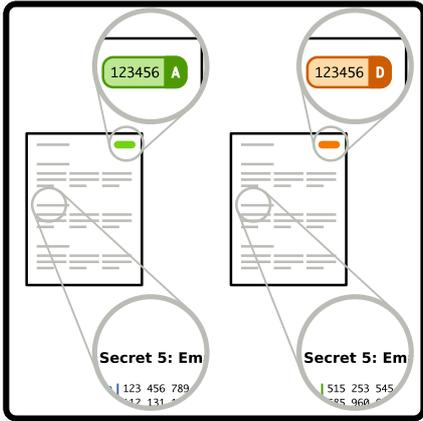
C | 846 760 330 952 458

D | 126 106 860 536 464



This is an example secret sharing pad.

## Decryption instructions



1. Obtain another secret sharing pad with the same pad number as this one, but different letter, printed at the top right. Find the secret you want to decrypt on both pads.

2. Find the list of three-digit codes printed next to the letter of the other pad. Working left-to-right, add the codes on the first pad to the codes on the second pad and write down the answers.

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**Using spreadsheet (optional):** Copy the three-digit codes for your two pads into columns A and B of your spreadsheet. Type =MOD(A1+B1, 1000) into cell C1 and =CHAR(C1) into cell D1. Use auto-fill to repeat the formulae in columns C and D over the remaining rows.

## Secret 1: IRC Password

This is the password for the username 'AzureDiamond'.

A | 912 789 196 024 109 368  
| 086 664 024 718 648 700

B | 294 135 940 928 865 328  
| 206 410 102 242 706 436

D | 928 380 954 462 850 012  
| 758 410 168 806 238 118

## Secret 2: Luggage combination

A | 471 580 909 136 255

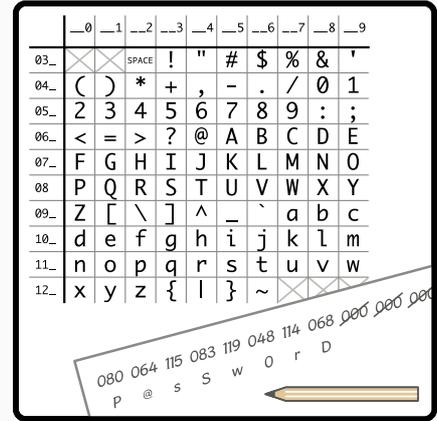
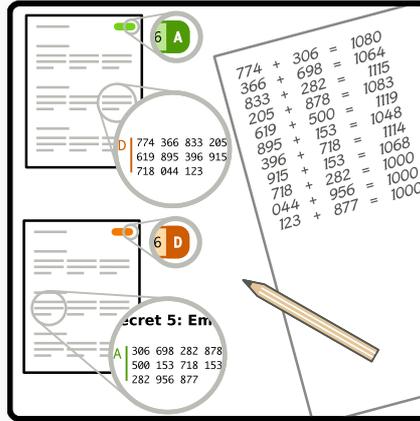
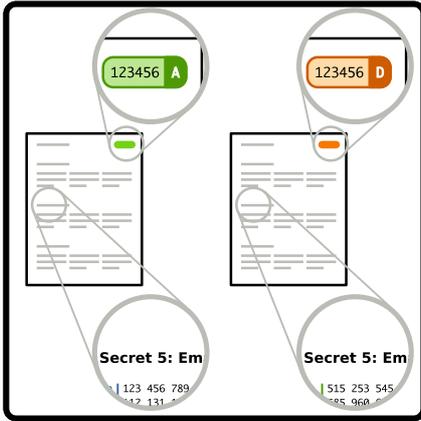
B | 203 290 721 100 595

D | 364 690 624 996 324



This is an example secret sharing pad.

### Decryption instructions



**1.** Obtain another secret sharing pad with the same pad number as this one, but different letter, printed at the top right. Find the secret you want to decrypt on both pads.

**2.** Find the list of three-digit codes printed next to the letter of the other pad. Working left-to-right, add the codes on the first pad to the codes on the second pad and write down the answers.

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**Using spreadsheet (optional):** Copy the three-digit codes for your two pads into columns A and B of your spreadsheet. Type =MOD(A1+B1, 1000) into cell C1 and =CHAR(C1) into cell D1. Use auto-fill to repeat the formulae in columns C and D over the remaining rows.

### Secret 1: IRC Password

This is the password for the username 'AzureDiamond'.

**A** | 332 947 614 986 405 698  
| 212 136 808 626 384 776

**B** | 726 941 474 124 655 316  
| 160 080 706 068 572 200

**C** | 176 737 156 654 251 102  
| 292 590 832 194 762 882

### Secret 2: Luggage combination

**A** | 355 586 143 832 593

**B** | 923 944 191 516 589

**C** | 685 360 427 056 729