

Mental Math: Left-To-Right Subtraction (3-Digit Numbers, no regrouping)

| Step | Example |
|---|-------------------|
| | $958 - 417 =$ |
| Break the second number into 100s, 10s and 1s and subtract each separately. | $958 - 400 = 558$ |
| | $558 - 10 = 548$ |
| | $548 - 7 = 541$ |

Practice

(Choose the easiest Left-to-Right Subtraction method for the problem)

| | | | | |
|--|--|--|--|--|
| $\begin{array}{r} 773 \\ -142 \\ \hline \end{array}$ | $\begin{array}{r} 578 \\ -427 \\ \hline \end{array}$ | $\begin{array}{r} 759 \\ -448 \\ \hline \end{array}$ | $\begin{array}{r} 888 \\ -184 \\ \hline \end{array}$ | $\begin{array}{r} 542 \\ -322 \\ \hline \end{array}$ |
| $\begin{array}{r} 795 \\ -672 \\ \hline \end{array}$ | $\begin{array}{r} 785 \\ -214 \\ \hline \end{array}$ | $\begin{array}{r} 797 \\ -286 \\ \hline \end{array}$ | $\begin{array}{r} 959 \\ -836 \\ \hline \end{array}$ | $\begin{array}{r} 489 \\ -278 \\ \hline \end{array}$ |

Answers to Practice

| | | | | |
|--|--|--|--|--|
| $\begin{array}{r} 773 \\ -142 \\ \hline 631 \end{array}$ | $\begin{array}{r} 578 \\ -427 \\ \hline 151 \end{array}$ | $\begin{array}{r} 759 \\ -448 \\ \hline 311 \end{array}$ | $\begin{array}{r} 888 \\ -184 \\ \hline 704 \end{array}$ | $\begin{array}{r} 542 \\ -322 \\ \hline 220 \end{array}$ |
| $\begin{array}{r} 795 \\ -672 \\ \hline 123 \end{array}$ | $\begin{array}{r} 785 \\ -214 \\ \hline 571 \end{array}$ | $\begin{array}{r} 797 \\ -286 \\ \hline 511 \end{array}$ | $\begin{array}{r} 959 \\ -836 \\ \hline 123 \end{array}$ | $\begin{array}{r} 489 \\ -278 \\ \hline 211 \end{array}$ |

Game: SQUEAK

Materials needed

- Game Cards
- Squeak game board (1 for each player)
- Dry erase markers/boards/erasers

To play - Shuffle the game cards and place them where everyone can reach them.

First player draws a card and solves the problem. If the answer contains a digit the player still has open on their squeak board, they can scratch out the associated letter. For example, if the answer contains the digit 3, the player can scratch out the “U” in Squeak.

You can only scratch out one letter per turn, so even if your answer has several of the digits you have open, you can only scratch out one letter.

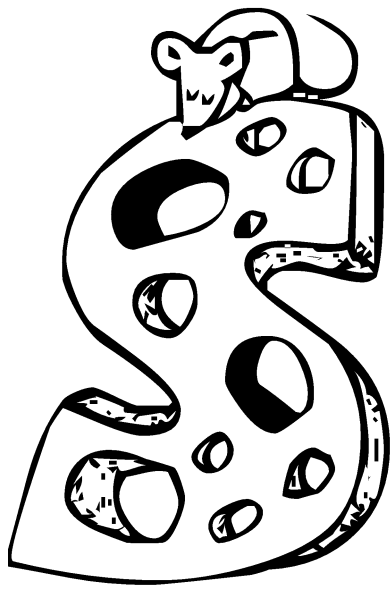
Cat Cards - If you draw a cat card you can use it to block the letter indicated on one your opponent’s cards. Put the cat on letter you want to block. When a letter is blocked, that player has to get the digit associated with the letter once to remove the cat, and another time to mark out the letter. You can only block letters that are not already scratched out. Once you have blocked a letter using your cat card, draw again to solve a problem.

To win - Be the first player to scratch out all the letters in the word “SQUEAK.”

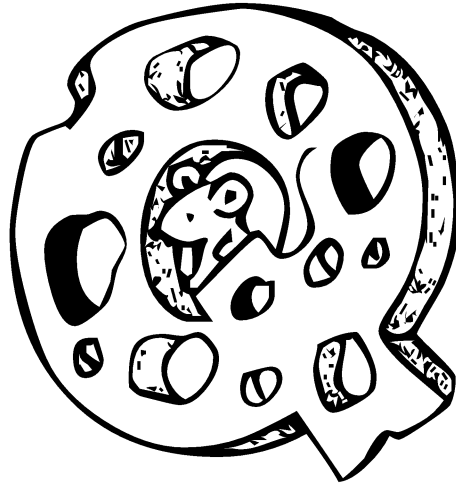
Printing: Landscape, Black and White, two-sided, flip on short edge

Mental Math: Subtracting 3-digits, No Regrouping**SQUEAK**

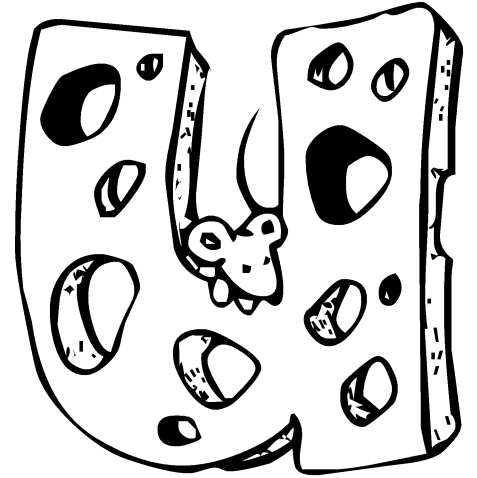
| | | | | | |
|---|---|---|---|---|---|
| 1. $\begin{array}{r} 986 \\ -853 \\ \hline 133 \end{array}$ | 2. $\begin{array}{r} 798 \\ -473 \\ \hline 325 \end{array}$ | 3. $\begin{array}{r} 967 \\ -826 \\ \hline 141 \end{array}$ | 4. $\begin{array}{r} 389 \\ -232 \\ \hline 157 \end{array}$ | 5. $\begin{array}{r} 687 \\ -216 \\ \hline 471 \end{array}$ | 6. $\begin{array}{r} 837 \\ -215 \\ \hline 622 \end{array}$ |
| 7. $\begin{array}{r} 399 \\ -253 \\ \hline 157 \end{array}$ | 8. $\begin{array}{r} 687 \\ -216 \\ \hline 471 \end{array}$ | 9. $\begin{array}{r} 837 \\ -215 \\ \hline 622 \end{array}$ | 10. $\begin{array}{r} 399 \\ -253 \\ \hline 146 \end{array}$ | 11. $\begin{array}{r} 634 \\ -431 \\ \hline 203 \end{array}$ | 12. $\begin{array}{r} 378 \\ -154 \\ \hline 224 \end{array}$ |
| 13. $\begin{array}{r} 661 \\ -251 \\ \hline 410 \end{array}$ | 14. $\begin{array}{r} 683 \\ -282 \\ \hline 401 \end{array}$ | 15. $\begin{array}{r} 359 \\ -224 \\ \hline 135 \end{array}$ | 16. $\begin{array}{r} 754 \\ -633 \\ \hline 121 \end{array}$ | 17. $\begin{array}{r} 978 \\ -867 \\ \hline 111 \end{array}$ | 18. $\begin{array}{r} 814 \\ -713 \\ \hline 101 \end{array}$ |
| 19. $\begin{array}{r} 949 \\ -621 \\ \hline 328 \end{array}$ | 20. $\begin{array}{r} 789 \\ -386 \\ \hline 403 \end{array}$ | 21. $\begin{array}{r} 779 \\ -242 \\ \hline 537 \end{array}$ | 22. $\begin{array}{r} 769 \\ -354 \\ \hline 415 \end{array}$ | 23. $\begin{array}{r} 875 \\ -714 \\ \hline 161 \end{array}$ | 24. $\begin{array}{r} 925 \\ -813 \\ \hline 112 \end{array}$ |
| 25. $\begin{array}{r} 587 \\ -135 \\ \hline 452 \end{array}$ | 26. $\begin{array}{r} 937 \\ -535 \\ \hline 402 \end{array}$ | 27. $\begin{array}{r} 998 \\ -835 \\ \hline 163 \end{array}$ | 28. $\begin{array}{r} 498 \\ -327 \\ \hline 171 \end{array}$ | 29. $\begin{array}{r} 498 \\ -312 \\ \hline 186 \end{array}$ | 30. $\begin{array}{r} 963 \\ \underline{542} \\ 421 \end{array}$ |



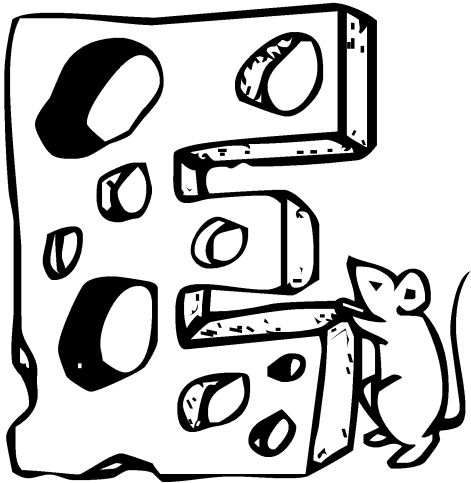
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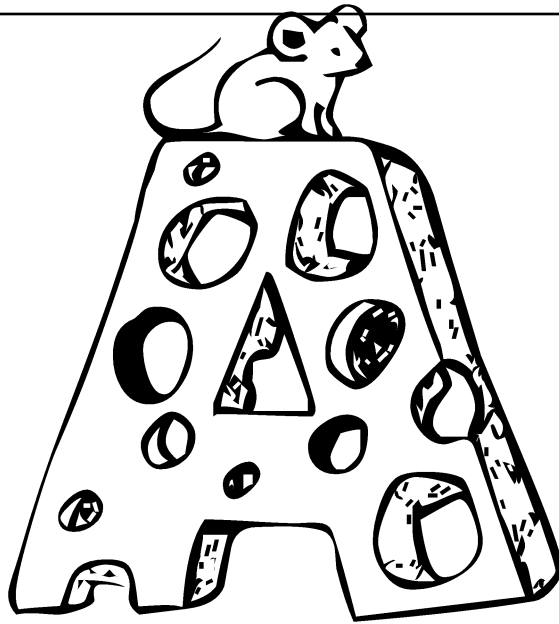
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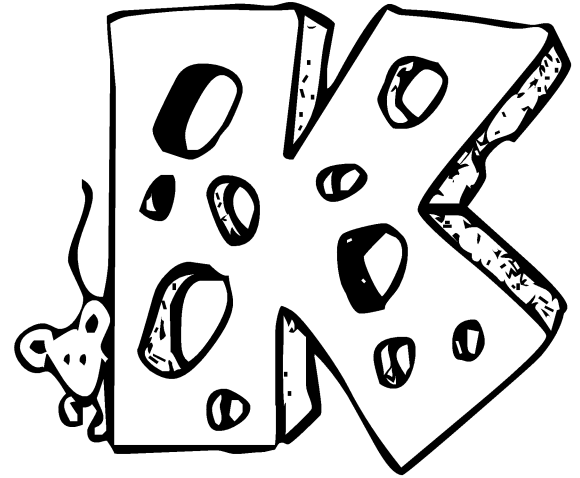
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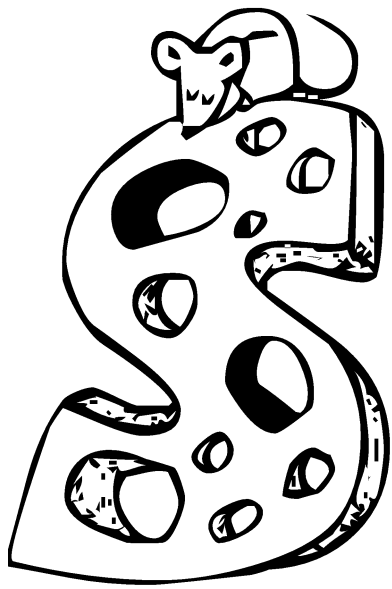
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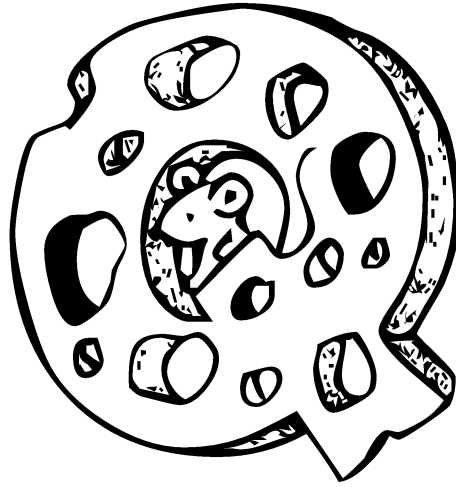
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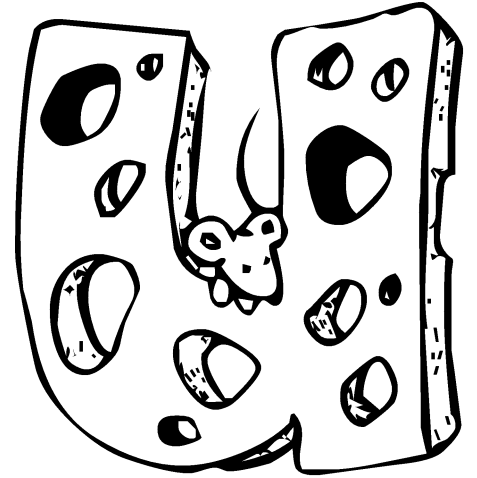
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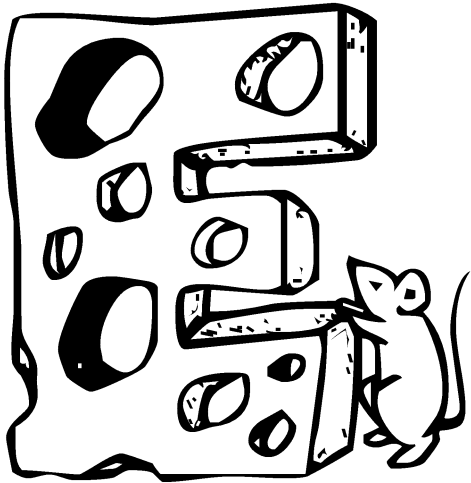
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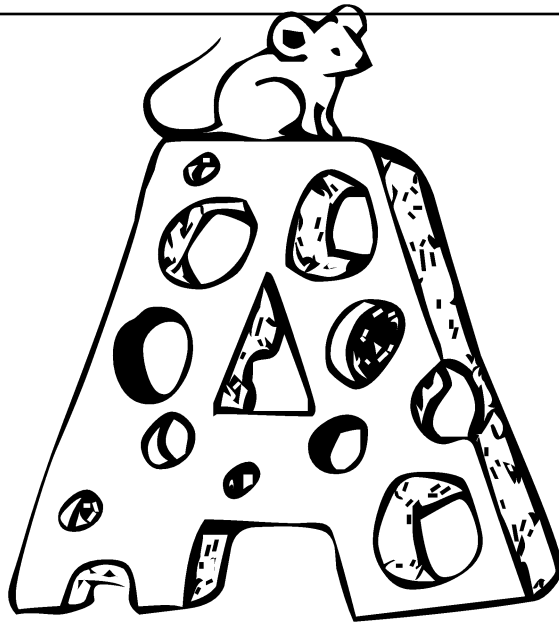
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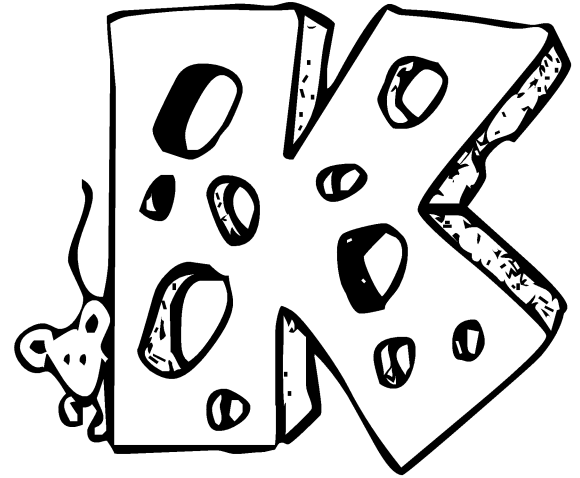
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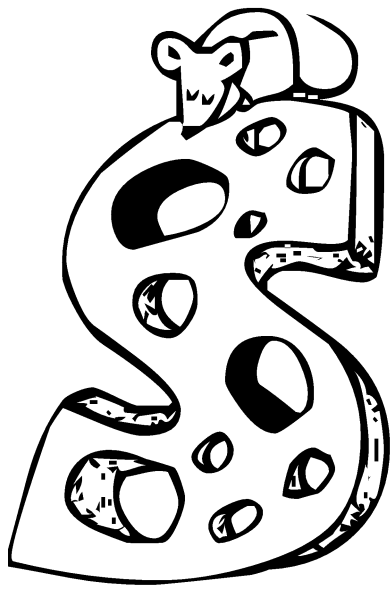
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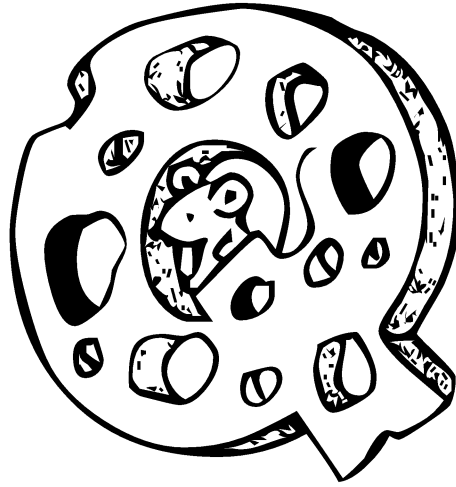
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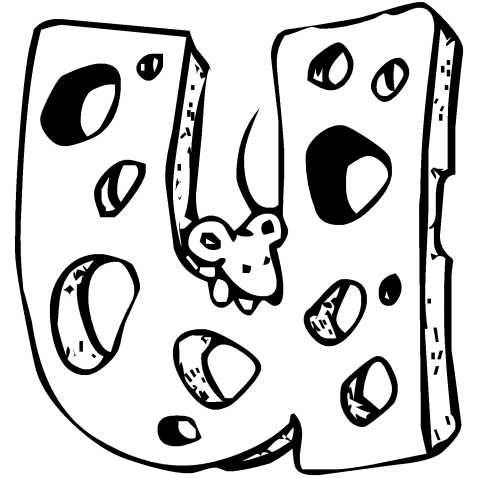
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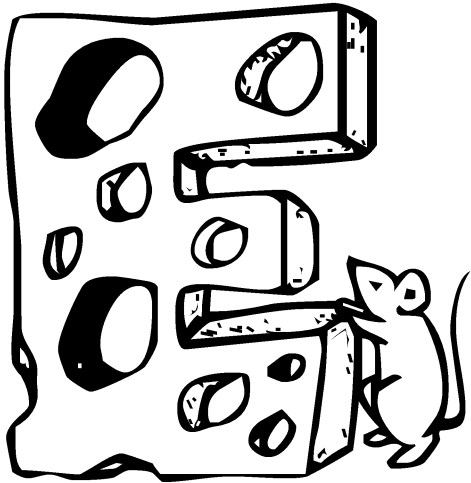
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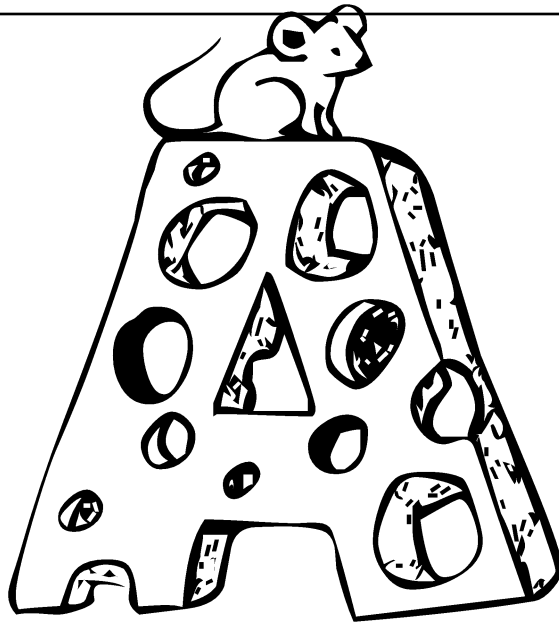
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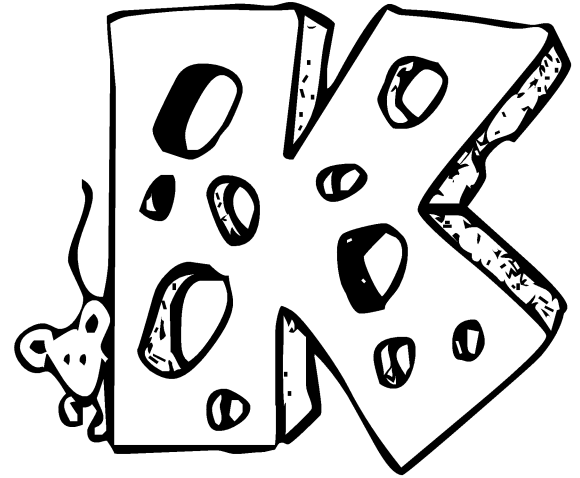
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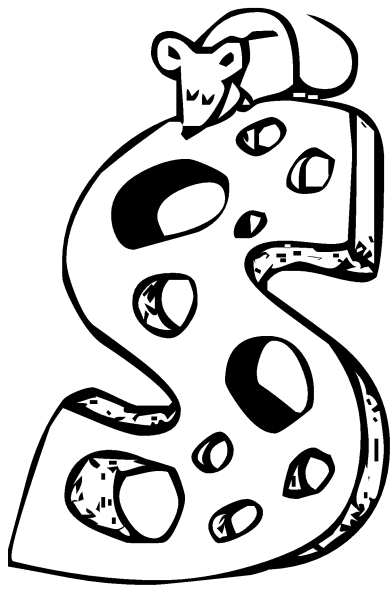
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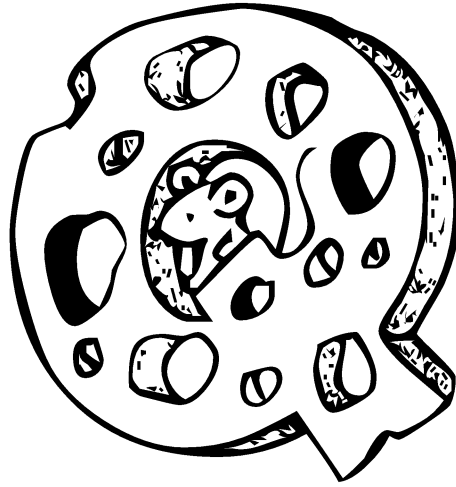
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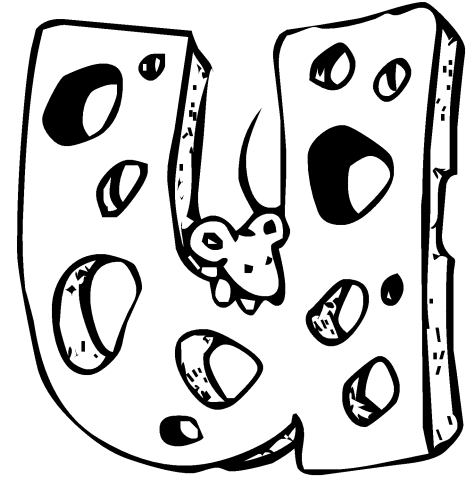
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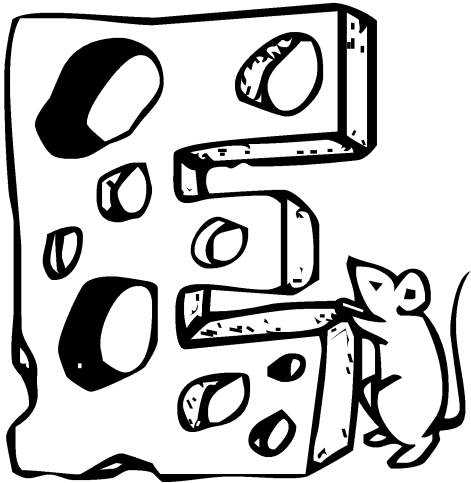
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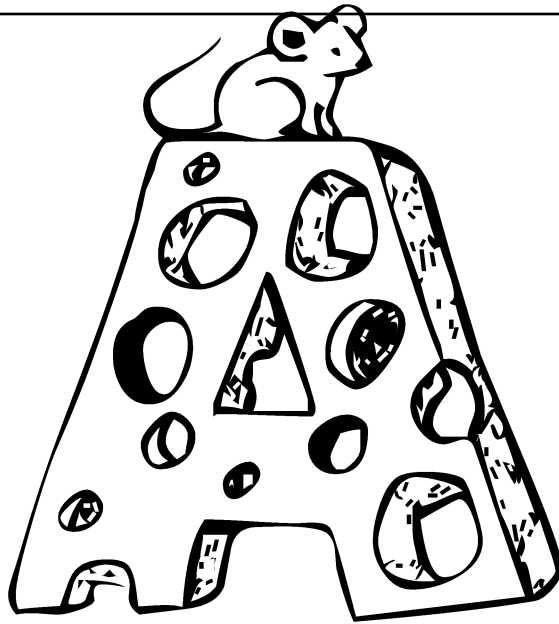
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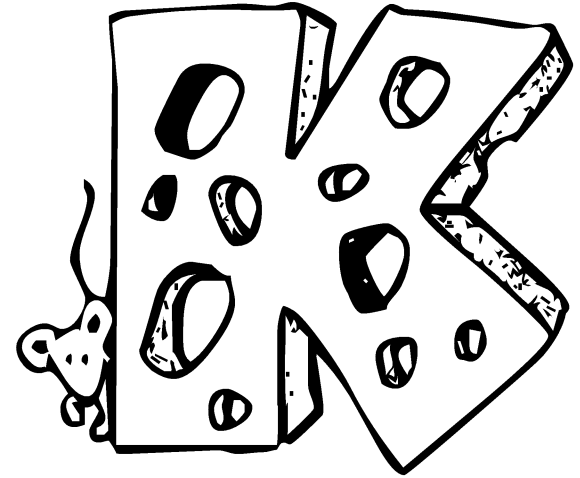
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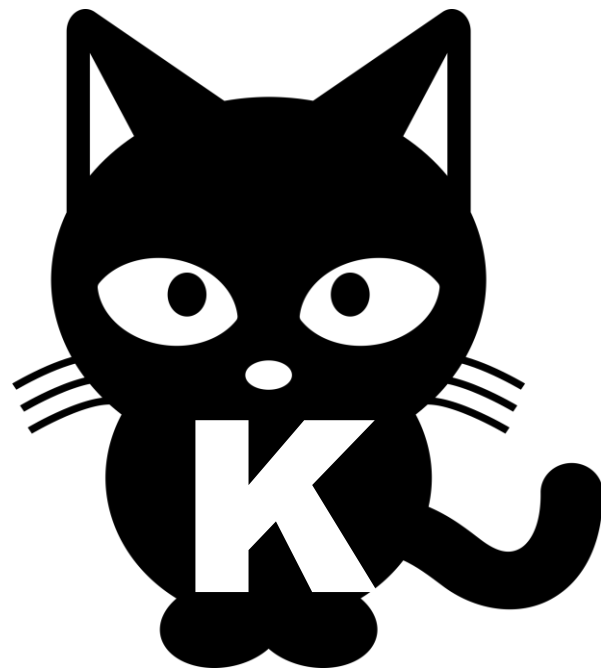
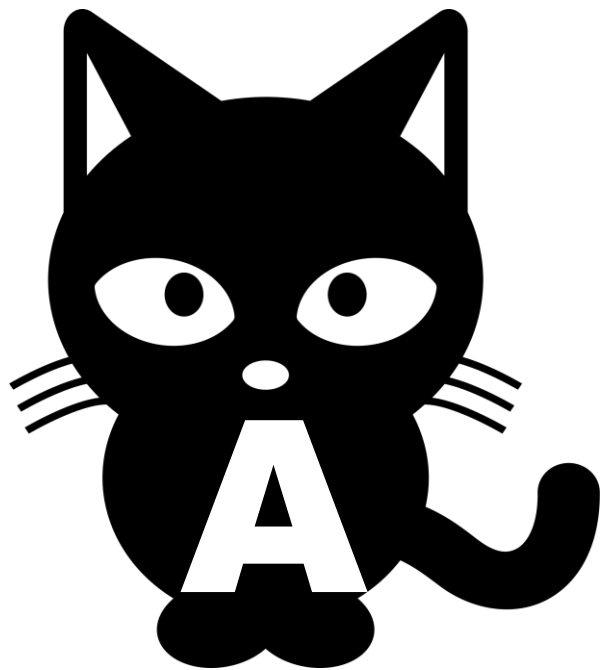
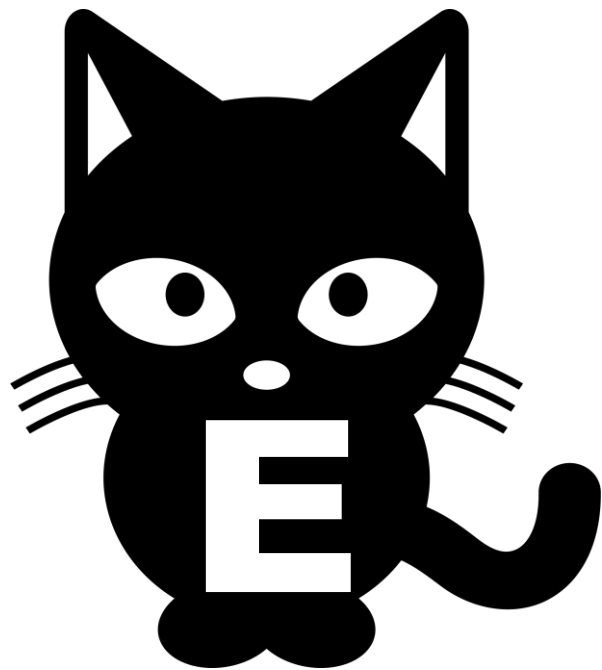
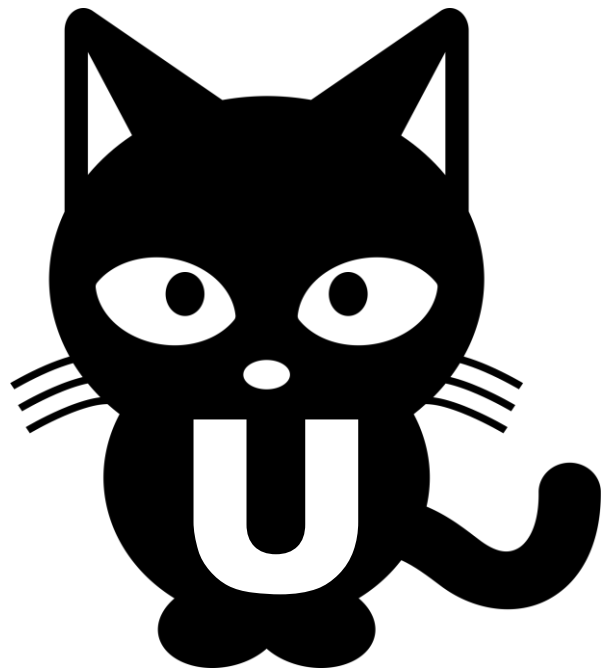
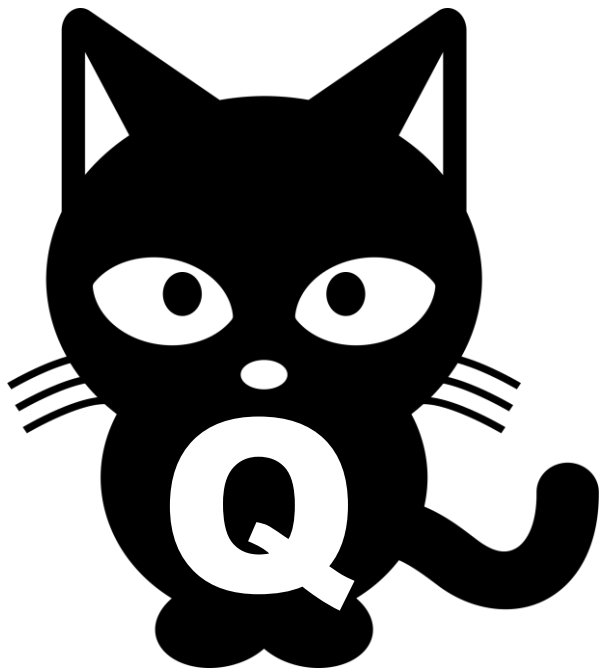
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5



6



1

$$\begin{array}{r} 986 \\ -853 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

2

$$\begin{array}{r} 798 \\ -473 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

3

$$\begin{array}{r} 967 \\ -826 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

4

$$\begin{array}{r} 389 \\ -232 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

5

$$\begin{array}{r} 687 \\ -216 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

6

$$\begin{array}{r} 837 \\ -215 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

7

$$\begin{array}{r} 399 \\ -253 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

8

$$\begin{array}{r} 687 \\ -216 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

9

$$\begin{array}{r} 837 \\ -215 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

10

$$\begin{array}{r} 399 \\ -253 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

11

$$\begin{array}{r} 634 \\ -431 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

12

$$\begin{array}{r} 378 \\ -154 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

13

$$\begin{array}{r} 661 \\ -251 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

14

$$\begin{array}{r} 683 \\ -282 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

15

$$\begin{array}{r} 359 \\ -224 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

16

$$\begin{array}{r} 754 \\ -633 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

17

$$\begin{array}{r} 978 \\ -867 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

18

$$\begin{array}{r} 814 \\ -713 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

19

$$\begin{array}{r} 949 \\ -621 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

20

$$\begin{array}{r} 789 \\ -386 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

21

$$\begin{array}{r} 779 \\ -242 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

22

$$\begin{array}{r} 769 \\ -354 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

23

$$\begin{array}{r} 875 \\ -714 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

24

$$\begin{array}{r} 925 \\ -813 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

25

$$\begin{array}{r} 587 \\ -135 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

26

$$\begin{array}{r} 937 \\ -535 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

27

$$\begin{array}{r} 998 \\ -835 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

28

$$\begin{array}{r} 498 \\ -327 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

29

$$\begin{array}{r} 498 \\ -312 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

30

$$\begin{array}{r} 963 \\ -542 \\ \hline \end{array}$$

Mental Math: L2R subtract – 3digit – no regroup

