

Column method for subtraction

A

Steps to success:

1. Put the largest number on top.
2. Place the digits in the correct column
3. Show the subtraction and equal sign.
4. ***Exchange and then subtract*** the top number from the bottom number in the ones column.
5. Subtract the top number from the bottom number in the tens column.

1) $35 - 17 =$

11) $85 - 47 =$

2) $46 - 28 =$

12) $90 - 81 =$

3) $52 - 24 =$

13) $93 - 55 =$

4) $66 - 29 =$

14) $98 - 39 =$

5) $42 - 33 =$

15) $98 - 89 =$

6) $61 - 45 =$

16) $75 - 24 =$

7) $76 - 57 =$

17) $83 - 74 =$

8) $84 - 56 =$

18) $77 - 68 =$

9) $81 - 62 =$

19) $95 - 27 =$

10) $80 - 75 =$

20) $97 - 46 =$

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7) $76 - 57 =$

17) $83 - 74 =$

8) $84 - 56 =$

18) $77 - 68 =$

9) $81 - 62 =$

19) $95 - 27 =$

10) $80 - 75 =$

20) $97 - 46 =$

Column method for subtraction B

Steps to success:

1. Put the largest number on top.
2. Place the digits in the correct column.
3. Show the subtraction and equal sign.
4. **Exchange and then subtract** the top number from the bottom number in the ones column.
5. Subtract the top number from the bottom number in the tens column.
Exchange if you need to.
6. Subtract the top number from the bottom number in the hundreds column.

$1) 143 - 14 =$

$2) 183 - 26 =$

$3) 204 - 65 =$

$4) 367 - 138 =$

$5) 471 - 159 =$

$6) 627 - 108 =$

$7) 865 - 636 =$

$8) 557 - 468 =$

$9) 544 - 215 =$

$10) 644 - 315 =$

$11) 858 - 79 =$

$12) 555 - 66 =$

$13) 651 - 72 =$

$14) 321 - 96 =$

$15) 422 - 63 =$

$16) 723 - 524 =$

$17) 834 - 367 =$

$18) 854 - 676 =$

$19) 926 - 447 =$

$20) 938 - 549 =$

Column method for subtraction B

Steps to success:

1. Put the largest number on top.
2. Place the digits in the correct column.
3. Show the subtraction and equal sign.
4. **Exchange and then subtract** the top number from the bottom number in the units column.
5. Subtract the top number from the bottom number in the tens column.
Exchange if you need to.
6. Subtract the top number from the bottom number in the hundreds

$1) 143 - 14 =$

$2) 183 - 26 =$

$3) 204 - 65 =$

$4) 367 - 138 =$

$5) 471 - 159 =$

$6) 627 - 108 =$

$7) 865 - 636 =$

$8) 557 - 468 =$

$9) 544 - 215 =$

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$15) 422 - 63 =$

$16) 723 - 524 =$

$17) 834 - 367 =$

$18) 854 - 676 =$

$19) 926 - 447 =$

$20) 938 - 549 =$

Column method for subtraction C

Steps to success:

1. Put the largest number on top.
2. Place the digits in the correct column.
3. Show the subtraction and equal sign.
4. **Exchange and then subtract** the top number from the bottom number in the units column.
5. Subtract the top number from the bottom number in the tens column. **Exchange if you need to.**
6. Subtract the top number from the bottom number in the hundreds column. **Exchange if you need to.**
7. Subtract the top number from the bottom number in the thousands column.

- | | |
|---------------------|---------------------|
| 1) $1337 - 168 =$ | 11) $5855 - 3687 =$ |
| 2) $2451 - 279 =$ | 12) $6558 - 4279 =$ |
| 3) $1815 - 536 =$ | 13) $7631 - 5473 =$ |
| 4) $1346 - 187 =$ | 14) $8888 - 6689 =$ |
| 5) $2541 - 1362 =$ | 15) $8472 - 6293 =$ |
| 6) $4736 - 2568 =$ | 16) $6704 - 278 =$ |
| 7) $5814 - 3569 =$ | 17) $7502 - 417 =$ |
| 8) $4336 - 2157 =$ | 18) $5107 - 168 =$ |
| 9) $3456 - 3288 =$ | 19) $9507 - 9468 =$ |
| 10) $4444 - 2255 =$ | 20) $9806 - 7767 =$ |

Column method for subtraction C

Steps to success:

1. Put the largest number on top.
2. Place the digits in the correct column.
3. Show the subtraction and equal sign.
4. **Exchange and then subtract** the top number from the bottom number in the units column.
5. Subtract the top number from the bottom number in the tens column. **Exchange if you need to.**
6. Subtract the top number from the bottom number in the hundreds column. **Exchange if you need to.**
7. Subtract the top number from the bottom number in the thousands column.

- | | |
|---------------------|---------------------|
| 1) $1337 - 168 =$ | 11) $5855 - 3687 =$ |
| 2) $2451 - 279 =$ | 12) $6558 - 4279 =$ |
| 3) $1815 - 536 =$ | 13) $7631 - 5473 =$ |
| 4) $1346 - 187 =$ | 14) $8888 - 6689 =$ |
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| 10) $4444 - 2255 =$ | 20) $9806 - 7767 =$ |

Answers A:

- | | |
|-------|--------|
| 1) 18 | 11) 38 |
| 2) 18 | 12) 9 |
| 3) 28 | 13) 38 |
| 4) 37 | 14) 59 |
| 5) 9 | 15) 9 |
| 6) 16 | 16) 51 |
| 7) 19 | 17) 9 |
| 8) 28 | 18) 9 |
| 9) 19 | 19) 68 |
| 10) 5 | 20) 51 |

Answers B:

- | | |
|---------|---------|
| 1) 129 | 11) 779 |
| 2) 157 | 12) 489 |
| 3) 139 | 13) 579 |
| 4) 229 | 14) 225 |
| 5) 312 | 15) 359 |
| 6) 519 | 16) 199 |
| 7) 229 | 17) 467 |
| 8) 89 | 18) 178 |
| 9) 329 | 19) 479 |
| 10) 329 | 20) 389 |

Answers C:

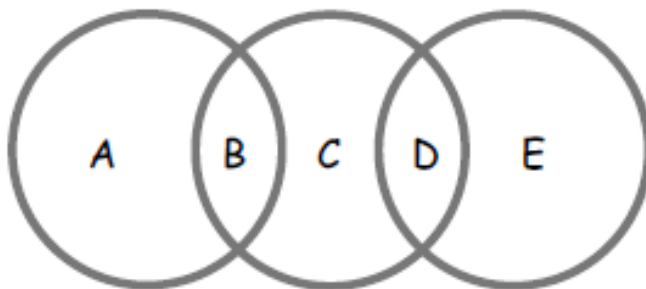
- | | |
|----------|----------|
| 1) 1169 | 11) 2168 |
| 2) 2172 | 12) 2279 |
| 3) 1279 | 13) 2158 |
| 4) 1159 | 14) 2199 |
| 5) 1179 | 15) 2179 |
| 6) 2168 | 16) 6426 |
| 7) 2155 | 17) 7085 |
| 8) 2179 | 18) 4939 |
| 9) 168 | 19) 39 |
| 10) 2189 | 20) 2039 |

Extension activity:

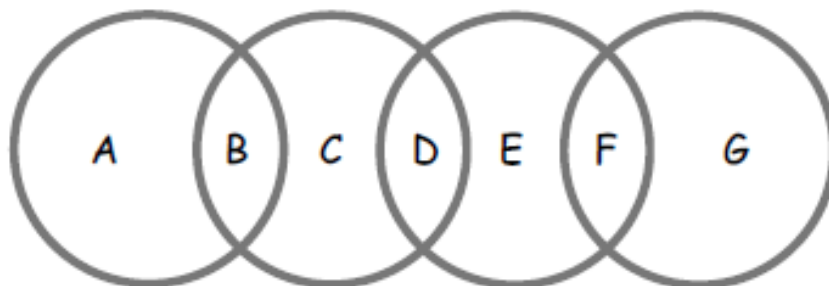
- 1) Answer: 5 2 1 4 3 or its reverse
- 2) Answer: 7 3 2 5 1 4 6 or its reverse
- 3) Answer: 9 2 5 4 6 1 7 3 8 or its reverse

Circle sums

1. Use each of the digits 1 to 5 once.
Replace each letter by one of the digits.
Make the total in each circle the same.



2. Now use each of the digits 1 to 7 once.
Make the total in each circle the same.



3. What if you used five circles and the digits 1 to 9?