

*Number Bond Tests*

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| <b>Know addition facts for 3, 4 and 5</b>              | What is 4 add 0?<br>What is 2 more than 3?<br>Total 3 and 1.                               | What is 3 and 2?<br>Add 2 to 2.<br>What is 2 plus 2?                   | Add together 3 and 0.<br>What is the total of 4 and 1?                                  |
| <b>Know subtraction facts for 3, 4 and 5</b>           | What is 5 subtract 2?<br>What is 3 less than 4?<br>Find the difference between 4 and 2.    | What is 4 take away 4?<br>Subtract 1 from 5.<br>What is 4 minus 3?     | Take 3 from 5.<br>Find the difference between 2 and 3.                                  |
| <b>Know all addition facts for 10</b>                  | Complete each to make 10.  |  |   |
|  | 6 +  | 3 +  | 7 +   |
|  | 5 +  | 8 +  | 1 +   |
|  | 0 +  | 10 +   | 2 +   |
| <b>Subtract ones from 10</b>                           | What is 10 subtract 2?<br>What is 6 less than 10?<br>Find the difference between 9 and 10. | What is 10 take away 4?<br>Subtract 5 from 10.<br>What is 10 minus 3?  | What is 10 take away 5?<br>Find the difference between 7 and 10.                        |
| <b>Know addition facts for 6 and 7</b>                 | What is 3 add 3? What is 7 more than 0?<br>Total 6 and 1.                                  | What is 3 and 4?<br>Add 2 to 5.<br>What is 2 plus 4?                   | Add together 6 and 0.<br>What is the total of 5 and 1?                                  |
| <b>Know subtraction facts for 6 and 7</b>              | What is 7 subtract 2?<br>What is 6 less than 6?<br>Find the difference between 2 and 6.    | What is 6 take away 4?<br>Subtract 5 from 7.<br>What is 6 minus 3?     | Take 3 from 7.<br>What is 7 take away 4?  |
| <b>Know addition facts for 8 and 9</b>                 | What is 3 add 3?<br>What is 7 more than 0?<br>Total 6 and 1.                               | What is 3 and 4?<br>What is 2 plus 4?<br>What is 4 more than 2?        | Add together 6 and 0.<br>What is the total of 5 and 1?<br>Add 2 to 5.                   |
| <b>Know subtraction facts for 8 and 9</b>              | Take 3 from 8.<br>What is 8 take away 4?   | What is 8 take away 4?<br>Subtract 5 from 8.<br>What is 9 minus 3?     | What is 8 subtract 2?<br>What is 6 less than 9?<br>Find the difference between 9 and 2. |
| <b>Add 10 to a 1-digit number</b>                      | Add together 8 and 10.<br>What is the total of 4 and 10?                                   | What is 3 and 10?<br>Add 10 to 6.<br>What is 9 plus 10?                | What is 10 add 2?<br>What is 5 more than 10?<br>Total 7 and 10.                         |
| <b>Know 10 more or 10 less than multiples of 10</b>    | What is 10 add 20?<br>Total 70 and 10.<br>What is 30 and 10?<br>Take 10 from 80.           | Add 10 to 60.<br>What is 90 plus 10?<br>What is 90 minus 10?           | What is 40 take away 10?<br>Find the difference between 60 and 10.                      |
| <b>Add two 1-digit numbers</b>                         | What is 9 add 2?<br>What is 5 more than 7?   | What is 3 and 8?<br>Add 6 to 6.<br>What is 9 plus 4?<br>Total 7 and 6. | Add together 8 and 7.<br>What is the total of 4 and 8?                                  |
| <b>Know all addition facts for 20</b>                  | Make each total 20.  |  |   |
|  | 9 +  | 19 +   |   |
|  | 16 +   | 12 +   |   |
|  | 0 +  | 2 +  |   |
|  | 7 +  | 14 +   |   |
| <b>16. Subtract ones from 20</b>                       | What is 20 subtract 8?<br>What is 6 less than 20?  | 2 and 20.<br>What is 20 take away 4?<br>Subtract 5 from 20.            | What is 20 take away 7?<br>Find the difference between 20 and 9.                        |
| <b>Add a 1-digit number to a 'teens' number</b>        | What is 9 add 12?<br>What is 5 more than 17?<br>Total 7 and 16.                            | What is 13 and 8?<br>Add 6 to 16.<br>What is 9 plus 14?                | Add together 18 and 7.<br>What is the total of 14 and 8?                                |
| <b>Subtract a 1-digit number from a 'teens' number</b> | What is 15 subtract 8?<br>Find the difference between 17 and 9.                            | What is 13 take away 4?<br>Subtract 5 from 12.<br>What is 16 minus 9?  | Take 7 from 15.<br>What is 14 take away 6?  |
| <b>Add three 1-digit numbers</b>                       | 3 + 2 + 7<br>7 + 8 + 9<br>6 + 6 + 5  | 6 + 5 + 1<br>8 + 4 + 3<br>9 + 2 + 2                                    | 7 + 6 + 5<br>1 + 4 + 9<br>7 + 7 + 4   |

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| <b>Know addition and subtraction facts for 11, 12, 13</b>       | What is 5 add 6?<br>What is 7 more than 6?<br>Total 7 and 5.<br>What is 3 and 8?              | Add 2 to 11.<br>What is 12 subtract 2?<br>What is 6 less than 13?           | Find the difference between 7 and 11.<br>What is 12 take away 4?                           |
| <b>Know addition and subtraction facts for 15, 16, 17</b>       | What is 9 add 6?<br>What is 7 more than 10?<br>Total 7 and 8.                                 | Add 2 to 15.<br>What is 17 subtract 2?<br>What is 6 less than 15?           | Find the difference between 7 and 16.<br>What is 16 take away 8?<br>What is 3 and 13?      |
| <b>Know addition and subtraction facts for 18, 19</b>           | What is 9 add 10?<br>What is 7 more than 11?<br>What is 19 minus 10?                          | Total 7 and 12.<br>What is 3 and 15?<br>Add 2 to 16.                        | What is 18 take away 6?<br>Find the difference between 18 and 8.                           |
| <b>Add a two-digit number and ones</b>                          | What is 2 add 23?<br>What is 6 greater than 52?<br>Total 77 and 4.                            | What is 36 and 5?<br>Add 5 to 67.<br>What is 98 plus 1?                     | Add together 83 and 4.<br>What is the sum of 69 and 3?                                     |
| <b>Subtract ones from a 2-digit number</b>                      | What is 55 subtract 2?<br>What is 3 less than 47?   | Subtract 8 from 62.<br>What is 98 minus 9?<br>What is 71 take away 2?       | Find the difference between 76 and 4.<br>Find the difference between 69 and 3.             |
| <b>Add a multiple of 10 to a two-digit number</b>               | What is the total of 42 and 70?<br>What is the sum of 69 and 30?<br>Total 87 and 40.          | Add 50 to 67.<br>What is 98 plus 10?<br>Add together 83 and 40.             | What is 60 greater than 52?<br>Total 77 and 40.<br>What is 36 and 50?                      |
| <b>Subtract a multiple of 10 from a two-digit number</b>        | What is 55 subtract 20?<br>What is 30 less than 47?<br>Find the difference between 76 and 40. | What is 71 take away 20?<br>Subtract 20 from 62.<br>What is 98 minus 90?    | What is 45 take away 10?<br>Find the difference between 69 and 30.<br>Subtract 40 from 91. |
| <b>Added to any 2-digit number to make the next 10</b>          | ____ + 57 = 60<br>33 + ____ = 40<br>55 + ____ = 60  | ____ + 72 = 80<br>44 + ____ = 50<br>11 + ____ = 20                          | ____ + 38 = 40<br>____ + 91 = 100<br>76 + ____ = 80  |
| <b>Add multiples of 100</b>                                     | Total 300 and 200.<br>What is the sum of 300 and 400?   | What is 300 plus 100?<br>Add together 800 and 200.                          | What is 200 add 900?<br>Increase 500 by 700.<br>Add 300 to 600.                            |
| <b>Subtract multiples of 100</b>                                | What is 500 subtract 100?<br>Decrease 600 by 200.<br>What is 900 minus 500?                   | Take 800 from 900.<br>What is 400 take away 200?                            | What is 500 take away 400?<br>Subtract 500 from 800.                                       |
| <b>Add a 'near multiple' of 10 to a two-digit number</b>        | What is 25 add 29?<br>Increase 53 by 31.<br>Total 59 and 24.                                  | What is 39 and 45?<br>Add 15 to 61.<br>What is 78 plus 19?                  | Add together 81 and 24.<br>What is the total of 49 and 52?                                 |
| <b>Subtract a 'near multiple' of 10 from a two-digit number</b> | What is 55 subtract 21?<br>Decrease 51 by 9.<br>Find the difference between 76 and 31.        | What is 77 take away 29?<br>Subtract 51 from 62.<br>What is 98 minus 19?    | What is 45 take away 29?<br>Find the difference between 66 and 49.                         |
| <b>Add pairs of two-digit numbers</b>                           | What is 25 add 23?<br>Increase 52 by 16.<br>Total 77 and 24.                                  | What is 36 and 45?<br>Add 15 to 67.<br>What is 98 plus 11?                  | Add together 83 and 24.<br>What is the total of 42 and 75?                                 |
| <b>Subtract pairs of two-digit numbers</b>                      | What is 55 subtract 22?<br>Decrease 47 by 13.<br>Find the difference between 76 and 24.       | What is 71 take away 42?<br>Subtract 48 from 62.<br>What is 98 minus 19?    | Take 77 from 84.<br>What is 45 take away 29?<br>Find the difference between 69 and 34.     |
| <b>Add multiples of 10 to three-digit numbers</b>               | What is 205 add 20?<br>Increase 50 by 316.<br>Total 70 and 124.                               | What is 231 and 40?<br>Add 515 to 60.<br>Total 587 and 40.                  | What is the total of 40 and 751?<br>Increase 369 by 30.                                    |
| <b>Subtract multiples of 10 from a three-digit number</b>       | What is 255 subtract 20?<br>Decrease 351 by 10.<br>Find the difference between 176 and 20.    | What is 271 take away 40?<br>Subtract 50 from 262.<br>What is 898 minus 10? | What is 545 take away 60?<br>Decrease 869 by 70.<br>Subtract 40 from 699.                  |
| <b>Add multiples of 100 to three-digit numbers</b>              | What is 338 plus 100?<br>Add together 800 and 224.  | Increase 269 by 400.<br>Total 881 and 500.<br>What is 25 add 900?           | Increase 500 by 376.<br>Total 300 and 24.<br>What is 435 and 400?                          |
| <b>Subtract multiples of 100 from three-digit numbers</b>       | What is 550 subtract 100?<br>Decrease 510 by 100.<br>What is 986 minus 200?                   | Take 800 from 847.<br>What is 457 take away 200?                            | What is 571 take away 400?<br>Subtract 500 from 862.                                       |

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| <b>Quick recall of number pairs that total 100</b>                      | $92 + \underline{\quad}$   | $39 + \underline{\quad}$  | $48 + \underline{\quad}$   |
|   | $16 + \underline{\quad}$   | $62 + \underline{\quad}$  | $11 + \underline{\quad}$   |
|   | $20 + \underline{\quad}$   | $52 + \underline{\quad}$  | $70 + \underline{\quad}$   |
| <b>Add to any 3-digit number to make the next 10 or 100</b>             | $\underline{\quad} + 257 = 260$  | $\underline{\quad} + 872 = 880$   | $\underline{\quad} + 238 = 300$  |
|   | $533 + \underline{\quad} = 600$  | $444 + \underline{\quad} = 450$   | $\underline{\quad} + 991 = 1000$   |
|   | $455 + \underline{\quad} = 460$  | $611 + \underline{\quad} = 700$   | $776 + \underline{\quad} = 800$  |
| <b>Subtract pairs of 3-digit numbers with a difference less than 10</b> | What is 505 subtract 497?<br>Decrease 508 by 499.<br>What is 906 minus 898?            | Take 896 from 901.<br>What is 407 take away 399?<br>Decrease 603 by 597.    | Find the difference between 706 and 697.<br>What is 501 take away 498?                     |
| <b>Subtract ones from a 3-digit number</b>                              | Take 5 from 204.<br>What is 385 take away 7?<br>Decrease 629 by 3.                     | Subtract 4 from 949.<br>What is 235 subtract 2?                             | Find the difference between 486 and 7. What is 673 take away 4?                            |
| <b>Add three small numbers</b>  | $17 + 6 + 5$<br>$11 + 14 + 9$<br>$17 + 7 + 4$  | $6 + 15 + 1$<br>$8 + 14 + 3$<br>$9 + 12 + 12$                               | $7 + 18 + 9$<br>$16 + 16 + 5$<br>$7 + 12 + 5$  |
| <b>Subtract a 2-digit number from a multiple of 100</b>                 | What is 500 subtract 11?<br>Decrease 600 by 27.<br>What is 900 minus 39?               | Take 48 from 800.<br>What is 400 take away 12?<br>Decrease 600 by 33.       | Find the difference between 700 and 52.<br>What is 500 take away 14?                       |
| <b>Add a 4-digit number and ones</b>                                    | What is 2045 add 2?<br>Increase 5007 by 6.<br>Total 7806 and 4.<br>Increase 3699 by 3. | What is 2317 and 4?<br>Add 5158 to 6.<br>What is 9983 plus 1?               | Add together 8 and 2457.<br>What is the total of 4 and 7515?                               |
| <b>Subtract ones from a 4-digit number</b>                              | What is 5007 subtract 1?<br>Decrease 6004 by 7.<br>What is 9005 minus 9?               | Take 8 from 8002.<br>What is 4005 take away 2?<br>Decrease 6001 by 3.       | Find the difference between 7002 and 5.<br>What is 5063 take away 4?                       |
| <b>Add a 4-digit number and tens</b>                                    | What is 2045 add 20?<br>Increase 5007 by 60.<br>Total 7806 and 40.                     | What is 2317 and 40?<br>Add 5158 to 60.<br>What is 9983 plus 10?            | What is the total of 40 and 7515?<br>Increase 3699 by 30.                                  |
| <b>Subtract tens from a 4-digit number</b>                              | What is 5007 subtract 10?<br>Decrease 6004 by 70.<br>What is 9005 minus 90?            | Take 80 from 8002.<br>What is 4005 take away 20?<br>Decrease 6001 by 30.    | What is 5063 take away 40?<br>Subtract 50 from 8231.<br>Subtract 40 from 9432.             |
| <b>Add a 4-digit number and hundreds</b>                                | What is 2258 add 500?<br>Increase 1509 by 200.<br>Total 200 and 1248.                  | What is 1316 and 400?<br>Add 2959 to 600.<br>What is 1089 plus 100?         | What is the total of 1409 and 300?<br>Increase 1698 by 300.                                |
| <b>Subtract hundreds from a 4-digit number</b>                          | What is 5007 subtract 100?<br>Decrease 6804 by 700.<br>What is 9705 minus 900?         | Take 800 from 8902.<br>What is 4605 take away 200?<br>Decrease 6701 by 300. | What is 5063 take away 400?<br>Subtract 500 from 8231.<br>Subtract 400 from 9432.          |
| <b>Add and subtract thousands to/from a 4-digit number</b>              | What is 2045 add 2000?<br>Increase 5007 by 6000.<br>Total 7806 and 4000.               | What is 2317 and 4000?<br>Add 5158 to 6000.<br>Decrease 6701 by 3000.       | What is 5063 take away 4000?<br>Subtract 5000 from 8231.<br>Subtract 4000 from 9432.       |
| <b>Add a 2-digit number to a 3-digit multiple of 10</b>                 | What is 25 add 230?<br>Increase 520 by 16.<br>Total 770 and 24.<br>Total 87 and 440.   | What is the total of 420 and 75?<br>What is the sum of 690 and 35?          | Add 15 to 670.<br>What is 980 plus 11?<br>Add together 830 and 24                          |
| <b>Subtract a 3-digit multiple of 10 from a 3-digit number</b>          | What is 505 subtract 490?<br>Decrease 568 by 420.<br>What is 936 minus 890?            | Take 890 from 901.<br>What is 407 take away 390?<br>Decrease 673 by 590.    | Find the difference between 726 and 680.<br>What is 521 take away 470?                     |
| <b>Add two 3-digit numbers (multiples of 10)</b>                        | What is 250 add 230?<br>Increase 520 by 160.<br>Total 770 and 240.                     | What is 360 and 450?<br>Add 150 to 670.<br>What is 980 plus 110?            | What is the total of 420 and 750?<br>What is the sum of 690 and 350?<br>Total 870 and 440. |
| <b>Subtract 3-digit numbers</b>   | What is 500 subtract 490?<br>Decrease 560 by 420.                                      | Take 890 from 910.<br>What is 470 take away                                 | What is 520 take away 470?<br>Subtract 850 from 960  |

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| <u>(multiples of 10)</u>  | What is 930 minus 890? 390?   |  |  |
| <u>Number bonds to 1000</u>   | 416 +   | 562 +  | 311 +  |
|   | 20 +  | 752 +  | 670 +  |
|   | 847 +   | 914 +  | 4 +  |
| <u>Subtract a 3-digit multiple of ten from a 4-digit number</u>           | What is 5505 subtract 490?<br>Decrease 7568 by 420.<br>What is 8936 minus 890?                      | Take 910 from 2890.<br>What is 1407 take away 390?                             | What is 3521 take away 470?<br>Subtract 960 from 7850.   |
| <u>Subtract a pair of numbers lying either side of a thousands number</u> | What is 5005 subtract 4997?<br>Decrease 5008 by 4999.<br>What is 2006 minus 1998?                   | Take 2996 from 3001.<br>What is 5007 take away 4999?<br>Decrease 6003 by 5997. | Find the difference between 7006 and 6997.<br>What is 5001 take away 4988?                       |
| <u>Add three 2-digit numbers</u>  | 17 + 26 + 35<br>11 + 14 + 29<br>17 + 37 + 44  | 56 + 15 + 11<br>38 + 14 + 23<br>49 + 12 + 12                                   | 13 + 32 + 57<br>17 + 18 + 49<br>16 + 16 + 55   |
| <u>Add decimals to 1dp</u>  | Find the total of 4.6 and 5.7.<br>Increase 7.9 by 6.5.<br>5.8 plus 3.4.                             | 2.3 plus 9.4.<br>Find the sum of 4.7 and 5.8.<br>Add together 6.5 and 8.9.     |  |
| <u>Subtract decimals to 1dp</u>   | Subtract 3.7 from 9.2.<br>Take away 2.4 from 7.1.<br>Decrease 8.5 by 1.8.                           | 6.7 minus 3.8.<br>Find the difference between 7.3 and 5.6.                     | Decrease 6.7 by 0.8.<br>8.1 minus 6.8.   |
| <u>Recall decimal number pairs that total 10 (to 1dp)</u>                 | 5.5 +   | 3.8 +  | 2.1 +  |
|   | 0.6 +   | 7.4 +  | 1.9 +  |
|   | 4.7 +   | 6.3 +  | 2.7 +  |
| <u>Recall decimal number pairs that total 100 (to 1dp)</u>                | 95.5 +  | 78.4 +   | 32.1 +   |
|   | 45.3 +  | 6.9 +  | 51.4 +   |
|   | 57.2 +  | 80.8 +   | 90.6 +   |
| <u>Add tenths to a one-digit whole number and tenths</u>                  | What is 0.2 add 2.3?<br>What is 0.6 greater than 5.2?<br>Total 7.7 and 0.4.                         | What is 3.6 and 0.5?<br>Add 0.5 to 6.7.<br>What is 9.8 plus 0.1?               | What is the total of 4.2 and 0.7?<br>What is the sum of 6.9 and 0.3?                             |
| <u>Subtract tenths from a one-digit whole number and tenths</u>           | What is 5.5 subtract 0.2?<br>What is 0.3 less than 4.7?   | What is 7.1 take away 0.2?<br>Subtract 0.8 from 6.2.<br>What is 9.8 minus 0.9? | Find the difference between 6.9 and 0.3.<br>Subtract 0.4 from 9.1.                               |
| <u>Add two one-digit whole numbers and tenths</u>                         | What is 5.2 add 2.3?<br>What is 7.6 greater than 5.2?<br>Total 7.7 and 8.4.                         | What is 3.6 and 9.5?<br>Add 4.5 to 6.7.<br>What is 9.8 plus 7.1?               | What is the total of 4.2 and 7.7?<br>What is the sum of 6.9 and 9.3?                             |
| <u>Subtract two one-digit whole numbers and tenths</u>                    | What is 5.5 subtract 3.2?<br>What is 1.3 less than 4.7?<br>Find the difference between 7.6 and 4.4. | What is 7.1 take away 3.2?<br>Subtract 5.8 from 6.2.<br>What is 9.8 minus 7.9? | What is 4.5 take away 2.9?<br>Find the difference between 6.9 and 3.3.<br>Subtract 7.4 from 9.1. |
| <u>Add 4-digit multiple of 100 to a 5-digit number</u>                    | What is 2500 add 23 320?<br>Increase 5200 by 16 460.  | What is 3600 and 45 032?   | What is the total of 4200 and 75 671?<br>What is the sum of 6900 and 32 850?                     |

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|   | Total 7700 and 24 460.   | Add 1500 to 67 038.<br>What is 9800 plus 11 473?                                     |  |
| <b>Subtract a 4-digit multiple of 100 from a 5-digit number</b>                         | What is 58 235 subtract 4700?<br>Decrease 56 238 by 4200.<br>What is 99 936 minus 8900?            | Take 8900 from 99 301.<br>What is 47 800 take away 3900?<br>Decrease 67 583 by 5900. | What is 82 521 take away 4700?<br>Subtract 8500 from 96 299.                               |
| <b>Added to a decimal fraction with units and tenths to make the next whole number</b>  | ____ + 5.7 = 6<br><br>3.3 + ____ = 4<br><br>5.5 + ____ = 6   | ____ + 7.2 = 8<br><br>4.4 + ____ = 5<br><br>1.1 + ____ = 2                           | ____ + 3.8 = 4<br><br>____ + 9.1 = 10<br><br>7.6 + ____ = 8                                |
| <b>Subtract two near multiple of thousands</b>  | What is 5005 subtract 1997?<br>Decrease 5008 by 2999.<br>What is 7006 minus 1998?                  | Take 3996 from 9001.<br>What is 7007 take away 4999?<br>Decrease 9003 by 5997.       | What is 5001 take away 1988?<br>Subtract 3996 from 8012.<br>Subtract 1990 from 5015.       |
| <b>Add two numbers with tenths and hundredth</b>  | Add together 4.87 and 3.62.<br>Find the total of 5.02 and 8.35.<br>Increase 8.32 by 7.54.          | Find the sum of 2.76 and 6.49.<br>1.53 plus 9.27.                                    | Increase 3.71 by 5.63.<br>Find the sum of 1.92 and 4.86.                                   |
| <b>Subtract two numbers with tenths and hundredths</b>                                  | Subtract 2.73 from 8.95.<br>Take away 1.82 from 7.04.<br>Decrease 8.05 by 0.84.                    | 6.42 minus 5.17.<br>Find the difference between 3.67 and 9.93.                       | Decrease 5.32 by 3.94.<br>4.56 minus 2.74.<br>Find the difference between 8.36 and 4.72.   |
| <b>Subtract a 1-digit whole number and tenths from a whole number</b>                   | What is 5 subtract 3.2?<br>What is 1.3 less than 4?<br>Find the difference between 7 and 4.4.      | What is 7 take away 3.2?<br>Subtract 5.8 from 9.<br>What is 9 minus 7.9?             | What is 4 take away 2.9?<br>Find the difference between 6 and 3.3.<br>Subtract 2.4 from 9. |
| <b>Add large numbers</b>  | What is 129 000 add 34 000?<br>Increase 52 000 by 16 000.<br>Total 770 000 and 24 000.             | Add 150 000 to 67 000.<br>What is 980 000 plus 11 000?                               | What is the sum of 690 000 and 35 000?<br>Total 870 000 and 44 000.                        |
| <b>Subtract large numbers</b>   | What is 550 000 subtract 49 000?<br>Decrease 750 000 by 42 000.                                    | Find the difference between 770 000 and 68 000.<br>What is 350 000 take away 17 000? | Subtract 62 000 from 780 000.<br>Subtract 94 000 from 570 000.                             |
| <b>Add any pair of 4-digit multiples of 100</b>   | What is 2500 add 2300?<br>Increase 5200 by 1600.<br>Total 7700 and 2400.                           | Add 1500 to 6700.<br>What is 9800 plus 1100?<br>Add together 8300 and 2400.          | What is the total of 4200 and 7500?<br>What is the sum of 6900 and 3500?                   |
| <b>Subtract any 4-digit multiples of 100</b>  | What is 5500 subtract 4900?<br>Decrease 7500 by 4200.<br>What is 8900 minus 8300?                  | Take 1500 from 2800.<br>What is 5400 take away 3900?<br>Decrease 4600 by 2900.       | What is 3500 take away 1700?<br>Subtract 6200 from 7800.<br>Subtract 5700 from 9400.       |
| <b>Add decimals with different number of places</b>                                     | Add together 4.8 and 3.62.<br>Find the total of 5.02 and 8.3.<br>Increase 8.32 by 7.5.             | Find the sum of 2.6 and 6.49.<br>1.53 plus 9.2.                                      | Find the total of 9.04 and 2.8.<br>Increase 3.7 by 5.63.                                   |
| <b>Subtract any number with 3 decimal places from a whole number</b>                    | What is 5 subtract 3.243?<br>What is 1.357 less than 4?<br>Find the difference between 7 and 4.486 | What is 7 take away 3.296?<br>Subtract 5.846 from 9.<br>What is 9 minus 7.976?       | What is 4 take away 2.932?<br>Find the difference between 6 and 3.378.                     |
| <b>Added to any number with 2 decimal places to make the next tenth or whole number</b> | ____ + 5.72 = 6<br><br>3.33 + ____ = 3.4<br><br>5.52 + ____ = 6                                    | ____ + 7.24 = 8<br><br>4.46 + ____ = 4.5<br><br>1.13 + ____ = 1.2                    | ____ + 9.01 = 10<br><br>7.68 + ____ = 7.7<br><br>6.36 + ____ = 6.4                         |
| <b>Subtract decimals with a different number of decimal places</b>                      | Subtract 2.7 from 8.95.<br>Take away 1.8 from 7.04.<br>Decrease 8.05 by 0.4.                       | 6.42 minus 5.1.<br>Find the difference between 3.67 and 0.9.                         | Take away 8.3 from 9.81.<br>Decrease 5.32 by 3.4.<br>4.56 minus 2.4.                       |
| <b>Added to any number with 3 decimal places to make the next tenth or</b>              | ____ + 5.721 = 6<br><br>3.334 + ____ = 3.4   | ____ + 7.248 = 8<br><br>4.462 + ____ = 4.5   | ____ + 3.895 = 4<br><br>____ + 9.014 = 10  |

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|--|---|-----------------------------------|-----------------------------------|
| <b>whole number</b>  | $5.522 + \underline{\quad} = 6$   | $1.136 + \underline{\quad} = 1.2$ | $7.687 + \underline{\quad} = 7.7$ |
| <b>Addition involving negative numbers in a context</b>    | <p>What is the temperature after it rises <math>8^{\circ}\text{C}</math> from <math>-6^{\circ}\text{C}</math>?</p> <p>What is the new temperature after it gets <math>4^{\circ}\text{C}</math> warmer than <math>-12^{\circ}\text{C}</math>?</p> <p>The temperature begins at <math>-16^{\circ}\text{C}</math>, it rises by <math>4^{\circ}\text{C}</math> on Monday and by <math>8^{\circ}\text{C}</math> on Tuesday. What is the new temperature?</p> |                                   |                                   |
| <b>Subtraction involving negative numbers in a context</b> | <p>What is the temperature after it falls <math>7^{\circ}\text{C}</math> from <math>-6^{\circ}\text{C}</math>?</p> <p>What is the new temperature after it gets <math>4^{\circ}\text{C}</math> colder than <math>-10^{\circ}\text{C}</math>?</p> <p>The temperature begins at <math>4^{\circ}\text{C}</math>, it falls by <math>4^{\circ}\text{C}</math> on Monday and by <math>5^{\circ}\text{C}</math> on Tuesday. What is the new temperature?</p>   |                                   |                                   |