

I'm not a bot



What is a ten frame in math

If you teach math to early childhood students, it's important to understand what a ten frame is. Ten frames are tools for teaching math and they help kids with developing number sense. This post will help you understand the benefits to ten frames and provide printable resources that you can use in your classroom or home right away. Ten frames help with developing number sense. Number sense is having good intuition about numbers and their relationships. This develops gradually as children explore numbers and have experiences with them. Number sense is something that can't necessarily be taught, but it can be caught or learned over time. A fancy math term educators use is subitizing. Subitizing is being able to instantly tell you 'how many' something is without counting. For example, a child who can subitize can roll a dice and tell you what they rolled without counting every dot. This skill is developed over time, but practicing it through games or using ten frames is key and will help develop better number sense. What is a Ten Frame? Let's start with the basics. What is a ten frame? A ten frame is a rectangle with ten equal spaces. It has five spaces on top and five on the bottom. You use counters or math manipulatives to represent numbers less than or equal to ten on the frame. Why are Ten Frames Important? Ten frames help kids develop number sense. It teaches them to subitize and is a precursor to addition. They provide kids with a visual of numbers and give children experiences working with numbers. They aren't simply just memorizing numbers or counting without meaning. It shows kids the value of numbers. Ten frames help kids with composing and decomposing numbers. It's also great for teaching addition and subtraction. How Can I Use Ten Frames? There are MANY ways to use ten frames. With young preschoolers, I like to make a big ten frame on the floor using tape. Then I put objects in the frame and practice counting and identifying the number of objects. There are also a ton of free printables that use ten frames. At the bottom of this post, I'm sharing a PDF with games and activities all using ten frames. How to Teach with Ten Frames To use a ten frame, begin with showing your child a blank ten frame. Add one counter and then count together. Add two counters and then count together. Continue adding counters until you reach ten. Then take away the counters and count down. Practice showing your student a ten frame with any amount of counters in it from 0-10 and have him identify the number. Then have your student add counters to the frame and identify the number. Over time and with practice, your student will start to subitize, or recognize the number without counting. Some teachers choose to arrange counters in order (called 5-wise or pair-wise) and others like using random placement. I recommend starting with arranging counters in order and then moving on to random order. Another thing I recommend doing is asking your student questions. After they answer, ask them "why" they answered with that number. It gives you insight into how they are learning and how their number sense is developing. I put together a packet of ten frame activities for you. There are blank ten frames, activities, puzzles, a game, and even practice with teen numbers. You can download this free printable by clicking here --> 10 Frames Packet Facebook Twitter Ten-Frames are two-by-five rectangular frames into which objects like counters can be placed to show numbers less than or equal to ten. Ten frames are often used as learning tools for numbers up to 10. In other words, a ten frame is a rectangle with ten equal spaces. There are five spaces on the top and five spaces on the bottom. Below is a representation of what a ten frame looks like. The following steps should be followed to make ten frames - First, make a frame of ten equal spaces. These spaces should be placed in the form of a rectangle having five spaces on the top and five spaces at the bottom.Always fill the top row first, starting from the left. The ten frames are also read in the same manner.When the top row is full, then process with placed filling counters at the bottom. Again it is important to note here that the bottom row is also to be filled from the left. In this way, a standard manner can be used to make ten frames Ten frames are useful in the following manner - They are often used as learning tools for numbers up to 10. Ten frames help with developing number sense.Ten frames are useful in understanding the relationships of numbers, especially for the numbers from 1 to 10.Ten frames help the children visualise the numbers which make it easier for them to understand about working with numbers.Ten frames are useful in making the children understand the composing and decomposing of numbers. Ten frames find their use in understanding the addition and subtraction of numbers up to 10. So, the following are the areas where we can extensively use ten frames as a learning tool - Counting of numbersAddition of numbersSubtraction of numbers Let us learn more about them. Ten frames can be used effectively to help a child in learning of counting of numbers from 1 to 10. Let us first list down the numbers from 1 to 10. We have, Number Number Name 1 One 2 Two 3 Three 4 Four 5 Five 6 Six 7 Seven 8 Eight 9 Nine 10 Ten Now, let us understand the representation of these numbers using ten frames. 1 (One) 2 (Two) 3 (Three) 4 (Four) 5 (Five) 6 (Six) 7 (Seven) 8 (Eight) 9 (Nine) 10 (Ten) Let us first understand composition of numbers from 1 to 100. Starting from 1 and by incrementing each number by 1, we can form the numbers from 1 10 100 as below - 110 + 1 = 1120 + 1 = 3140 + 1 = 4150 + 1 = 5160 + 1 = 6170 + 1 = 7180 + 1 = 819 + 1 = 911 + 1 = 211 + 1 = 3241 + 1 = 4251 + 1 = 5261 + 1 = 6271 + 1 = 7281 + 1 = 8291 + 1 = 922 + 1 = 312 + 1 = 322 + 1 = 232 + 1 = 332 + 1 = 4352 + 1 = 5362 + 1 = 6372 + 1 = 7382 + 1 = 8392 + 1 = 933 + 1 = 413 + 1 = 1423 + 1 = 2433 + 1 = 3443 + 1 = 4453 + 1 = 5463 + 1 = 6473 + 1 = 7483 + 1 = 8493 + 1 = 944 + 1 = 514 + 1 = 1524 + 1 = 2534 + 1 = 3544 + 1 = 4554 + 1 = 5564 + 1 = 6574 + 1 = 7584 + 1 = 8594 + 1 = 955 + 1 = 615 + 1 = 1625 + 1 = 2635 + 1 = 3645 + 1 = 4655 + 1 = 5665 + 1 = 6675 + 1 = 7685 + 1 = 8695 + 1 = 966 + 1 = 716 + 1 = 1726 + 1 = 2736 + 1 = 3746 + 1 = 4756 + 1 = 5766 + 1 = 6776 + 1 = 7786 + 1 = 8796 + 1 = 977 + 1 = 817 + 1 = 1827 + 1 = 2837 + 1 = 3847 + 1 = 4857 + 1 = 5867 + 1 = 6877 + 1 = 7887 + 1 = 8897 + 1 = 988 + 1 = 918 + 1 = 1928 + 1 = 2938 + 1 = 3948 + 1 = 4958 + 1 = 5968 + 1 = 6978 + 1 = 7988 + 1 = 8998 + 1 = 999 + 1 = 1019 + 1 = 2029 + 1 = 3039 + 1 = 4049 + 1 = 5059 + 1 = 6069 + 1 = 7079 + 1 = 8089 + 1 = 9099 + 1 = 100 Now, consider the below chart that displays the ten frames of numbers from 1 to 20. The above chart clearly demonstrates the following - The number can be written as 10 + 0 = 1 0 The number 11 can be written as 10 + 1 = 1 1 The number 12 can be written as 10 + 2 = 1 2 The number 13 can be written as 10 + 3 = 1 3 The number 14 can be written as 10 + 4 = 1 4 The number 15 can be written as 10 + 5 = 1 5 The number 16 can be written as 10 + 6 = 1 6 The number 17 can be written as 10 + 7 = 1 7 The number 18 can be written as 10 + 8 = 1 8 The number 19 can be written as 10 + 9 = 1 9 The number 20 can be written as 10 + 10 = 2 0 In a similar manner, we can write any number using ten frames. Addition, in mathematics, can be defined as the process of combining two or more numbers together to make a new total or sum. We know that the single digit numbers are 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9. This is the order in which we count the numbers where 2 comes after 1, 3 comes after 2 and so on. A single - digit has the place value of a unit in the place value system of the numbers. There can be different methods to help children understand how to add numbers. Let us discuss of these methods - Addition by Forward countingAddition using ten frames Let us consider a situation where you have 3 chocolates. Your mother gives you 4 more chocolates. How many chocolates do you have now? In order to add 4 chocolates to the 3 chocolates that you already have, starting from 3, you will move 4 places to the right of the counting of numbers. So, 4 points after 3, in the number system is 7. Hence, 3 + 4 = 7 We can add two or more single digit numbers using ten frames. Let us different single digit numbers and check the representation of their addition using ten frames - 1 (One) + 2 (Two) = 3 (Three) 2 (Two) + 3 (Three) = 5 (Five) 3 (Three) + 5 (Five) = 8 (Eight) In the counting of numbers, two digit numbers start from 10. Then we have 11, 12, 13, 14, 15, and so on. It is important to note here that two digit number "ab" can be written in the form 10 x a + b, where a has the ten's place value and b has the unit value in the number system. Two + 3 = Three 3 + 3 = 6 4 + 3 = 7 5 + 3 = 8 6 + 3 = 9 7 + 3 = 10 8 + 3 = 11 9 + 3 = 12 10 + 3 = 13 11 + 3 = 14 12 + 3 = 15 13 + 3 = 16 14 + 3 = 17 15 + 3 = 18 16 + 3 = 19 17 + 3 = 20 18 + 3 = 21 19 + 3 = 22 20 + 3 = 23 21 + 3 = 24 22 + 3 = 25 23 + 3 = 26 24 + 3 = 27 25 + 3 = 28 26 + 3 = 29 27 + 3 = 30 28 + 3 = 31 29 + 3 = 32 30 + 3 = 33 31 + 3 = 34 32 + 3 = 35 33 + 3 = 36 34 + 3 = 37 35 + 3 = 38 36 + 3 = 39 37 + 3 = 40 38 + 3 = 41 39 + 3 = 42 40 + 3 = 43 41 + 3 = 44 42 + 3 = 45 43 + 3 = 46 44 + 3 = 47 45 + 3 = 48 46 + 3 = 49 47 + 3 = 50 48 + 3 = 51 49 + 3 = 52 50 + 3 = 53 51 + 3 = 54 52 + 3 = 55 53 + 3 = 56 54 + 3 = 57 55 + 3 = 58 56 + 3 = 59 57 + 3 = 60 58 + 3 = 61 59 + 3 = 62 60 + 3 = 63 61 + 3 = 64 62 + 3 = 65 63 + 3 = 66 64 + 3 = 67 65 + 3 = 68 66 + 3 = 69 67 + 3 = 70 68 + 3 = 71 69 + 3 = 72 70 + 3 = 73 71 + 3 = 74 72 + 3 = 75 73 + 3 = 76 74 + 3 = 77 75 + 3 = 78 76 + 3 = 79 77 + 3 = 80 78 + 3 = 81 79 + 3 = 82 80 + 3 = 83 81 + 3 = 84 82 + 3 = 85 83 + 3 = 86 84 + 3 = 87 85 + 3 = 88 86 + 3 = 89 87 + 3 = 90 88 + 3 = 91 89 + 3 = 92 90 + 3 = 93 91 + 3 = 94 92 + 3 = 95 93 + 3 = 96 94 + 3 = 97 95 + 3 = 98 96 + 3 = 99 97 + 3 = 100 98 + 3 = 101 99 + 3 = 102 100 + 3 = 103 103 + 3 = 106 106 + 3 = 109 109 + 3 = 112 112 + 3 = 115 115 + 3 = 118 118 + 3 = 121 121 + 3 = 124 124 + 3 = 127 127 + 3 = 130 130 + 3 = 133 133 + 3 = 136 136 + 3 = 139 139 + 3 = 142 142 + 3 = 145 145 + 3 = 148 148 + 3 = 151 151 + 3 = 154 154 + 3 = 157 157 + 3 = 160 160 + 3 = 163 163 + 3 = 166 166 + 3 = 169 169 + 3 = 172 172 + 3 = 175 175 + 3 = 178 178 + 3 = 181 181 + 3 = 184 184 + 3 = 187 187 + 3 = 190 190 + 3 = 193 193 + 3 = 196 196 + 3 = 199 199 + 3 = 202 202 + 3 = 205 205 + 3 = 208 208 + 3 = 211 211 + 3 = 214 214 + 3 = 217 217 + 3 = 220 220 + 3 = 223 223 + 3 = 226 226 + 3 = 229 229 + 3 = 232 232 + 3 = 235 235 + 3 = 238 238 + 3 = 241 241 + 3 = 244 244 + 3 = 247 247 + 3 = 250 250 + 3 = 253 253 + 3 = 256 256 + 3 = 259 259 + 3 = 262 262 + 3 = 265 265 + 3 = 268 268 + 3 = 271 271 + 3 = 274 274 + 3 = 277 277 + 3 = 280 280 + 3 = 283 283 + 3 = 286 286 + 3 = 289 289 + 3 = 292 292 + 3 = 295 295 + 3 = 298 298 + 3 = 301 301 + 3 = 304 304 + 3 = 307 307 + 3 = 310 310 + 3 = 313 313 + 3 = 316 316 + 3 = 319 319 + 3 = 322 322 + 3 = 325 325 + 3 = 328 328 + 3 = 331 331 + 3 = 334 334 + 3 = 337 337 + 3 = 340 340 + 3 = 343 343 + 3 = 346 346 + 3 = 349 349 + 3 = 352 352 + 3 = 355 355 + 3 = 358 358 + 3 = 361 361 + 3 = 364 364 + 3 = 367 367 + 3 = 370 370 + 3 = 373 373 + 3 = 376 376 + 3 = 379 379 + 3 = 382 382 + 3 = 385 385 + 3 = 388 388 + 3 = 391 391 + 3 = 394 394 + 3 = 397 397 + 3 = 400 400 + 3 = 403 403 + 3 = 406 406 + 3 = 409 409 + 3 = 412 412 + 3 = 415 415 + 3 = 418 418 + 3 = 421 421 + 3 = 424 424 + 3 = 427 427 + 3 = 430 430 + 3 = 433 433 + 3 = 436 436 + 3 = 439 439 + 3 = 442 442 + 3 = 445 445 + 3 = 448 448 + 3 = 451 451 + 3 = 454 454 + 3 = 457 457 + 3 = 460 460 + 3 = 463 463 + 3 = 466 466 + 3 = 469 469 + 3 = 472 472 + 3 = 475 475 + 3 = 478 478 + 3 = 481 481 + 3 = 484 484 + 3 = 487 487 + 3 = 490 490 + 3 = 493 493 + 3 = 496 496 + 3 = 499 499 + 3 = 502 502 + 3 = 505 505 + 3 = 508 508 + 3 = 511 511 + 3 = 514 514 + 3 = 517 517 + 3 = 520 520 + 3 = 523 523 + 3 = 526 526 + 3 = 529 529 + 3 = 532 532 + 3 = 535 535 + 3 = 538 538 + 3 = 541 541 + 3 = 544 544 + 3 = 547 547 + 3 = 550 550 + 3 = 553 553 + 3 = 556 556 + 3 = 559 559 + 3 = 562 562 + 3 = 565 565 + 3 = 568 568 + 3 = 571 571 + 3 = 574 574 + 3 = 577 577 + 3 = 580 580 + 3 = 583 583 + 3 = 586 586 + 3 = 589 589 + 3 = 592 592 + 3 = 595 595 + 3 = 598 598 + 3 = 601 601 + 3 = 604 604 + 3 = 607 607 + 3 = 610 610 + 3 = 613 613 + 3 = 616 616 + 3 = 619 619 + 3 = 622 622 + 3 = 625 625 + 3 = 628 628 + 3 = 631 631 + 3 = 634 634 + 3 = 637 637 + 3 = 640 640 + 3 = 643 643 + 3 = 646 646 + 3 = 649 649 + 3 = 652 652 + 3 = 655 655 + 3 = 658 658 + 3 = 661 661 + 3 = 664 664 + 3 = 667 667 + 3 = 670 670 + 3 = 673 673 + 3 = 676 676 + 3 = 679 679 + 3 = 682 682 + 3 = 685 685 + 3 = 688 688 + 3 = 691 691 + 3 = 694 694 + 3 = 697 697 + 3 = 700 700 + 3 = 703 703 + 3 = 706 706 + 3 = 709 709 + 3 = 712 712 + 3 = 715 715 + 3 = 718 718 + 3 = 721 721 + 3 = 724 724 + 3 = 727 727 + 3 = 730 730 + 3 = 733 733 + 3 = 736 736 + 3 = 739 739 + 3 = 742 742 + 3 = 745 745 + 3 = 748 748 + 3 = 751 751 + 3 = 754 754 + 3 = 757 757 + 3 = 760 760 + 3 = 763 763 + 3 = 766 766 + 3 = 769 769 + 3 = 772 772 + 3 = 775 775 + 3 = 778 778 + 3 = 781 781 + 3 = 784 784 + 3 = 787 787 + 3 = 790 790 + 3 = 793 793 + 3 = 796 796 + 3 = 799 799 + 3 = 802 802 + 3 = 805 805 + 3 = 808 808 + 3 = 811 811 + 3 = 814 814 + 3 = 817 817 + 3 = 820 820 + 3 = 823 823 + 3 = 826 826 + 3 = 829 829 + 3 = 832 832 + 3 = 835 835 + 3 = 838 838 + 3 = 841 841 + 3 = 844 844 + 3 = 847 847 + 3 = 850 850 + 3 = 853 853 + 3 = 856 856 + 3 = 859 859 + 3 = 862 862 + 3 = 865 865 + 3 = 868 868 + 3 = 871 871 + 3 = 874 874 + 3 = 877 877 + 3 = 880 880 + 3 = 883 883 + 3 = 886 886 + 3 = 889 889 + 3 = 892 892 + 3 = 895 895 + 3 = 898 898 + 3 = 901 901 + 3 = 904 904 + 3 = 907 907 + 3 = 910 910 + 3 = 913 913 + 3 = 916 916 + 3 = 919 919 + 3 = 922 922 + 3 = 925 925 + 3 = 928 928 + 3 = 931 931 + 3 = 934 934 + 3 = 937 937 + 3 = 940 940 + 3 = 943 943 + 3 = 946 946 + 3 = 949 949 + 3 = 952 952 + 3 = 955 955 + 3 = 958 958 + 3 = 961 961 + 3 = 964 964 + 3 = 967 967 + 3 = 970 970 + 3 = 973 973 + 3 = 976 976 + 3 = 979 979 + 3 = 982 982 + 3 = 985 985 + 3 = 988 988 + 3 = 991 991 + 3 = 994 994 + 3 = 997 997 + 3 = 1000 1000 + 3 = 1003 1003 + 3 = 1006 1006 + 3 = 1009 1009 + 3 = 1012 1012 + 3 = 1015 1015 + 3 = 1018 1018 + 3 = 1021 1021 + 3 = 1024 1024 + 3 = 1027 1027 + 3 = 1030 1030 + 3 = 1033 1033 + 3 = 1036 1036 + 3 = 1039 1039 + 3 = 1042 1042 + 3 = 1045 1045 + 3 = 1048 1048 + 3 = 1051 1051 + 3 = 1054 1054 + 3 = 1057 1057 + 3 = 1060 1060 + 3 = 1063 1063 + 3 = 1066 1066 + 3 = 1069 1069 + 3 = 1072 1072 + 3 = 1075 1075 + 3 = 1078 1078 + 3 = 1081 1081 + 3 = 1084 1084 + 3 = 1087 1087 + 3 = 1090 1090 + 3 = 1093 1093 + 3 = 1096 1096 + 3 = 1099 1099 + 3 = 1102 1102 + 3 = 1105 1105 + 3 = 1108 1108 + 3 = 1111 1111 + 3 = 1114 1114 + 3 = 1117 1117 + 3 = 1120 1120 + 3 = 1123 1123 + 3 = 1126 1126 + 3 = 1129 1129 + 3 = 1132 1132 + 3 = 1135 1135 + 3 = 1138 1138 + 3 = 1141 1141 + 3 = 1144 1144 + 3 = 1147 1147 + 3 = 1150 1150 + 3 = 1153 1153 + 3 = 1156 1156 + 3 = 1159 1159 + 3 = 1162 1162 + 3 = 1165 1165 + 3 = 1168 1168 + 3 = 1171 1171 + 3 = 1174 1174 + 3 = 1177 1177 + 3 = 1180 1180 + 3 = 1183 1183 + 3 = 1186 1186 + 3 = 1189 1189 + 3 = 1192 1192 + 3 = 1195 1195 + 3 = 1198 1198 + 3 = 1201 1201 + 3 = 1204 1204 + 3 = 1207 1207 + 3 = 1210 1210 + 3 = 1213 1213 + 3 = 1216 1216 + 3 = 1219 1219 + 3 = 1222 1222 + 3 = 1225 1225 + 3 = 1228 1228 + 3 = 1231 1231 + 3 = 1234 1234 + 3 = 1237 1237 + 3 = 1240 1240 + 3 = 1243 1243 + 3 = 1246 1246 + 3 = 1249 1249 + 3 = 1252 1252 + 3 = 1255 1255 + 3 = 1258 1258 + 3 = 1261 1261 + 3 = 1264 1264 + 3 = 1267 1267 + 3 = 1270 1270 + 3 = 1273 1273 + 3 = 1276 1276 + 3 = 1279 1279 + 3 = 1282 1282 + 3 = 1285 1285 + 3 = 1288 1288 + 3 = 1291 1291 + 3 = 1294 1294 + 3 = 1297 1297 + 3 = 1300 1300 + 3 = 1303 1303 + 3 = 1306 1306 + 3 = 1309 1309 + 3 = 1312 1312 + 3 = 1315 1315 + 3 = 1318 1318 + 3 = 1321 1321 + 3 = 1324 1324 + 3 = 1327 1327 + 3 = 1330 1330 + 3 = 1333 1333 + 3 = 1336 1336 + 3 = 1339 1339 + 3 = 1342 1342 + 3 = 1345 1345 + 3 = 1348 1348 + 3 = 1351 1351 + 3 = 1354 1354 + 3 = 1357 1357 + 3 = 1360 1360 + 3 = 1363 1363 + 3 = 1366 1366 + 3 = 1369 1369 + 3 = 1372 1372 + 3 = 1375 1375 + 3 = 1378 1378 + 3 = 1381 1381 + 3 = 1384 1384 + 3 = 1387 1387 + 3 = 1390 1390 + 3 = 1393 1393 + 3 = 1396 1396 + 3 = 1399 1399 + 3 = 1402 1402 + 3 = 1405 1405 + 3 = 1408 1408 + 3 = 1411 1411 + 3 = 1414 1414 + 3 = 1417 1417 + 3 = 1420 1420 + 3 = 1423 1423 + 3 = 1426 1426 + 3 = 1429 1429 + 3 = 1432 1432 + 3 = 1435 1435 + 3 = 1438 1438 + 3 = 1441 1441 + 3 = 1444 1444 + 3 = 1447 1447 + 3 = 1450 1450 + 3 = 1453 1453 + 3 = 1456 1456 + 3 = 1459 1459 + 3 = 1462 1462 + 3 = 1465 1465 + 3 = 1468 1468 + 3 = 1471 1471 + 3 = 1474 1474 + 3 = 1477 1477 + 3 = 1480 1480 + 3 = 1483 1483 + 3 = 1486 1486 + 3 = 1489 1489 + 3 = 1492 1492 + 3 = 1495 1495 + 3 = 1498 1498 + 3 = 1501 1501 + 3 = 1504 1504 + 3 = 1507 1507 + 3 = 1510 1510 + 3 = 1513 1513 + 3 = 1516 1516 + 3 = 1519 1519 + 3 = 1522 1522 + 3 = 1525 1525 + 3 = 1528 1528 + 3 = 1531 1531 + 3 = 1534 1534 + 3 = 1537 1537 + 3 = 1540 1540 + 3 = 1543 1543 + 3 = 1546 1546 + 3 = 1549 1549 + 3 = 1552 1552 + 3 = 1555 1555 + 3 = 1558 1558 + 3 = 1561 1561 + 3 = 1564 1564 + 3 = 1567 1567 + 3 = 1570 1570 + 3 = 1573 1573 + 3 = 1576 1576 + 3 = 1579 1579 + 3 = 1582 1582 + 3 = 1585 1585 + 3 = 1588 1588 + 3 = 1591 1591 + 3 = 1594 1594 + 3 = 1597 1597 + 3 = 1600 1600 + 3 = 1603 1603 + 3 = 1606 1606 + 3 = 1609 1609 + 3 = 1612 1612 + 3 = 1615 1615 + 3 = 1618 1618 + 3 = 1621 1621 + 3 = 1624 1624 + 3 = 1627 1627 + 3 = 1630 1630 + 3 = 1633 1633 + 3 = 1636 1636 + 3 = 1639 1639 + 3 = 1642 1642 + 3 = 1645 1645 + 3 = 1648 1648 + 3 = 1651 1651 + 3 = 1654 1654 + 3 = 1657 1657 + 3 = 1660 1660 + 3 = 1663 1663 + 3 = 1666 1666 + 3 = 1669 1669 + 3 = 1672 1672 + 3 = 1675 1675 + 3 = 1678 1678 + 3 = 1681 1681 + 3 = 1684 1684 + 3 = 1687 1687 + 3 = 1690 1690 + 3 = 1693 1693 + 3 = 1696 1696 + 3 = 1699 1699 + 3 = 1702 1702 + 3 = 1705 1705 + 3 = 1708 1708 + 3 = 1711 1711 + 3 = 1714 1714 + 3 = 1717 1717 + 3 = 1720 1720 + 3 = 1723 1723 + 3 = 1726 1726 + 3 = 1729 1729 + 3 = 1732 1732 + 3 = 1735 1735 + 3 = 1738 1738 + 3 = 1741 1741 + 3 = 1744 1744 + 3 = 1747 1747 + 3 = 1750 1750 + 3 = 1753 1753 + 3 = 1756 1756 + 3 = 1759 1759 + 3 = 1762 1762 + 3 = 1765 1765 + 3 = 1768 1768 + 3 = 1771 1771 + 3 = 1774 1774 + 3 = 1777 1777 + 3 = 1780 1780 + 3 = 1783 1783 + 3 = 1786 1786 + 3 = 1789 1789 + 3 = 1792 1792 + 3 = 1795 1795 + 3 = 1798 1798 + 3 = 1801 1801 + 3 = 1804 1804 + 3 = 1807 1807 + 3 = 1810 1810 + 3 = 1813 1813 + 3 = 1816 1816 + 3 = 1819 1819 + 3 = 1822 1822 + 3 = 1825 1825 + 3 = 1828 1828 + 3 = 1831 1831 + 3 = 1834 1834 + 3 = 1837 1837 + 3 = 1840 1840 + 3 = 1843 1843 + 3 = 1846 1846 + 3 = 1849 1849 + 3 = 1852 1852 + 3 = 1855 1855 + 3 = 1858 1858 + 3 = 1861 1861 + 3 = 1864 1864 + 3 = 1867 1867 + 3 = 1870 1870 + 3 = 1873 1873 + 3 = 1876 1876 + 3 = 1879 1879 + 3 = 1882 1882 + 3 = 1885 1885 + 3 = 1888 1888 + 3 = 1891 1891 + 3 = 1894 1894 + 3 = 1897 1897 + 3 = 1900 1900 + 3 = 1903 1903 + 3 = 1906 1906 + 3 = 1909 1909 + 3 = 1912 1912 + 3 = 1915 1915 + 3 = 1918 1918 + 3 = 1921 1921 + 3 = 1924 1924 + 3 = 1927 1927 + 3 = 1930 1930 + 3 = 1933 1933 + 3 = 1936 1936 + 3 = 1939 1939 + 3 = 1942 1942 + 3 = 1945 1945 + 3 = 1948 1948 + 3 = 1951 1951 + 3 = 1954 1954 + 3 = 1957 1957 + 3 = 1960 1960 + 3 = 1963 1963 + 3 = 1966 1966 + 3 = 1969 1969 + 3 = 1972 1972 + 3 = 1975 1975 + 3 = 1978 1978 + 3 = 1981 1981 + 3 = 1984 1984 + 3 = 1987 1987 + 3 = 1990 1990 + 3 = 1993 1993 + 3 = 1996 1996 + 3 = 1999 1999 + 3 = 2002 2002 + 3 = 2005 2005 + 3 = 2008 2008 + 3 = 2011 2011 + 3 = 2014 2014 + 3 = 2017 2017 + 3 = 2020 2020 + 3 = 2023 2023 + 3 = 2026 2026 + 3 = 2029 2029 + 3 = 2032 2032 + 3 = 2035 2035 + 3 = 2038 2038 + 3 = 2041 2041 + 3 = 2044 2044 + 3 = 2047 2047 + 3 = 2050 2050 + 3 = 2053 2053 + 3 = 2056 2056 + 3 = 2059 2059 + 3 = 2062 2062 + 3 = 2065 2065 + 3 = 2068 2068 + 3 = 2071 2071 + 3 = 2074