

Free Printable Math Worksheets:
ADDITION with regrouping
3 digits + 2 digits

TEST 1:

Use your abacus, counting, beans – whatever you like – just don't touch your calculator: :-)

$782 + 88 = \square$

$378 + 87 = \square$

$688 + 63 = \square$

$294 + 77 = \square$

$654 + 88 = \square$

$663 + 78 = \square$

$749 + 75 = \square$

$637 + 77 = \square$

$642 + 98 = \square$

$499 + 66 = \square$

$466 + 87 = \square$

$685 + 36 = \square$

$795 + 97 = \square$

$764 + 97 = \square$

$788 + 47 = \square$

$898 + 26 = \square$

$537 + 77 = \square$

$869 + 73 = \square$

$338 + 97 = \square$

$884 + 27 = \square$

$789 + 51 = \square$

$558 + 87 = \square$

$679 + 63 = \square$

$688 + 37 = \square$

$388 + 88 = \square$

$769 + 68 = \square$

$155 + 97 = \square$

$548 + 89 = \square$

$857 + 97 = \square$

$655 + 85 = \square$

$338 + 95 = \square$

$545 + 68 = \square$

$478 + 44 = \square$

$379 + 78 = \square$

$466 + 58 = \square$

$884 + 36 = \square$

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Test 1 – part 2

The following 2 sets require a little subtracting actually: :-)

$836 + \square = 921$

$554 + \square = 640$

$174 + \square = 241$

$565 + \square = 651$

$588 + \square = 623$

$689 + \square = 776$

$668 + \square = 722$

$527 + \square = 620$

$867 + \square = 911$

$597 + \square = 621$

$375 + \square = 450$

$438 + \square = 513$

$195 + \square = 281$

$399 + \square = 464$

$668 + \square = 731$

$886 + \square = 961$

$685 + \square = 712$

$875 + \square = 913$

 $\square + 65 = 911$

$\square + 33 = 420$

$\square + 88 = 440$

$\square + 87 = 371$

$\square + 77 = 370$

$\square + 66 = 812$

$\square + 89 = 944$

$\square + 74 = 662$

$\square + 65 = 611$

$\square + 25 = 621$

$\square + 67 = 634$

$\square + 89 = 876$

$\square + 35 = 832$

$\square + 54 = 441$

$\square + 66 = 212$

$\square + 76 = 731$

$\square + 98 = 975$

$\square + 36 = 524$

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TEST 2:

Use your abacus, counting, beans – whatever you like – just don't touch your calculator: :-)

$258 + 83 = \boxed{}$

$779 + 47 = \boxed{}$

$838 + 83 = \boxed{}$

$694 + 46 = \boxed{}$

$536 + 87 = \boxed{}$

$799 + 38 = \boxed{}$

$175 + 77 = \boxed{}$

$577 + 83 = \boxed{}$

$897 + 38 = \boxed{}$

$682 + 79 = \boxed{}$

$333 + 88 = \boxed{}$

$678 + 84 = \boxed{}$

$676 + 49 = \boxed{}$

$688 + 28 = \boxed{}$

$385 + 88 = \boxed{}$

$792 + 59 = \boxed{}$

$586 + 25 = \boxed{}$

$698 + 97 = \boxed{}$

$166 + 75 = \boxed{}$

$196 + 97 = \boxed{}$

$445 + 85 = \boxed{}$

$156 + 84 = \boxed{}$

$786 + 86 = \boxed{}$

$257 + 74 = \boxed{}$

$573 + 47 = \boxed{}$

$875 + 77 = \boxed{}$

$189 + 98 = \boxed{}$

$173 + 77 = \boxed{}$

$796 + 29 = \boxed{}$

$179 + 72 = \boxed{}$

$283 + 99 = \boxed{}$

$565 + 48 = \boxed{}$

$677 + 88 = \boxed{}$

$778 + 85 = \boxed{}$

$882 + 78 = \boxed{}$

$465 + 85 = \boxed{}$

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Test 2 – part 2

The following 2 sets require a little subtracting actually: :-)

$563 + \square = 651$

$785 + \square = 872$

$294 + \square = 320$

$599 + \square = 640$

$778 + \square = 812$

$446 + \square = 512$

$649 + \square = 748$

$588 + \square = 652$

$356 + \square = 450$

$664 + \square = 752$

$767 + \square = 834$

$756 + \square = 831$

$168 + \square = 250$

$733 + \square = 810$

$677 + \square = 730$

$462 + \square = 561$

$298 + \square = 392$

$847 + \square = 920$

 $\square + 88 = 354$

$\square + 97 = 955$

$\square + 96 = 651$

$\square + 83 = 830$

$\square + 77 = 844$

$\square + 64 = 210$

$\square + 98 = 770$

$\square + 48 = 640$

$\square + 78 = 772$

$\square + 74 = 952$

$\square + 72 = 710$

$\square + 66 = 411$

$\square + 76 = 361$

$\square + 83 = 461$

$\square + 83 = 581$

$\square + 36 = 814$

$\square + 86 = 743$

$\square + 47 = 936$

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TEST 3:

Use your abacus, counting, beans – whatever you like – just don't touch your calculator: :-)

$546 + 77 = \square$

$325 + 96 = \square$

$883 + 87 = \square$

$176 + 57 = \square$

$739 + 77 = \square$

$885 + 87 = \square$

$455 + 85 = \square$

$786 + 27 = \square$

$686 + 44 = \square$

$355 + 76 = \square$

$774 + 59 = \square$

$188 + 24 = \square$

$228 + 95 = \square$

$688 + 92 = \square$

$148 + 72 = \square$

$672 + 88 = \square$

$282 + 69 = \square$

$878 + 35 = \square$

$389 + 48 = \square$

$194 + 59 = \square$

$643 + 89 = \square$

$883 + 88 = \square$

$384 + 98 = \square$

$164 + 47 = \square$

$276 + 67 = \square$

$766 + 85 = \square$

$274 + 47 = \square$

$785 + 88 = \square$

$259 + 78 = \square$

$866 + 58 = \square$

$185 + 59 = \square$

$645 + 75 = \square$

$383 + 89 = \square$

$698 + 55 = \square$

$438 + 88 = \square$

$475 + 67 = \square$

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Test 3 – part 2

The following 2 sets require a little subtracting actually: :-)

$748 + \square = 825$

$475 + \square = 524$

$645 + \square = 742$

$694 + \square = 733$

$843 + \square = 910$

$679 + \square = 768$

$387 + \square = 432$

$457 + \square = 523$

$575 + \square = 632$

$637 + \square = 724$

$766 + \square = 852$

$548 + \square = 614$

$786 + \square = 824$

$247 + \square = 326$

$576 + \square = 663$

$896 + \square = 934$

$738 + \square = 821$

$376 + \square = 432$

 $\square + 45 = 334$

$\square + 78 = 240$

$\square + 47 = 431$

$\square + 47 = 924$

$\square + 27 = 612$

$\square + 73 = 331$

$\square + 59 = 655$

$\square + 78 = 817$

$\square + 54 = 550$

$\square + 46 = 411$

$\square + 68 = 956$

$\square + 86 = 512$

$\square + 67 = 234$

$\square + 77 = 446$

$\square + 84 = 932$

$\square + 59 = 555$

$\square + 75 = 653$

$\square + 46 = 920$

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Test 1 - SOLUTIONS:

$782 + 88 = \boxed{870}$

$378 + 87 = \boxed{465}$

$688 + 63 = \boxed{751}$

$294 + 77 = \boxed{371}$

$654 + 88 = \boxed{742}$

$663 + 78 = \boxed{741}$

$749 + 75 = \boxed{824}$

$637 + 77 = \boxed{714}$

$642 + 98 = \boxed{740}$

$499 + 66 = \boxed{565}$

$466 + 87 = \boxed{553}$

$685 + 36 = \boxed{721}$

$795 + 97 = \boxed{892}$

$764 + 97 = \boxed{861}$

$788 + 47 = \boxed{835}$

$898 + 26 = \boxed{924}$

$537 + 77 = \boxed{614}$

$869 + 73 = \boxed{942}$

$338 + 97 = \boxed{435}$

$884 + 27 = \boxed{911}$

$789 + 51 = \boxed{840}$

$558 + 87 = \boxed{645}$

$679 + 63 = \boxed{742}$

$688 + 37 = \boxed{725}$

$388 + 88 = \boxed{476}$

$769 + 68 = \boxed{837}$

$155 + 97 = \boxed{252}$

$548 + 89 = \boxed{637}$

$857 + 97 = \boxed{954}$

$655 + 85 = \boxed{740}$

$338 + 95 = \boxed{433}$

$545 + 68 = \boxed{613}$

$478 + 44 = \boxed{522}$

$379 + 78 = \boxed{457}$

$466 + 58 = \boxed{524}$

$884 + 36 = \boxed{920}$

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Test 1 Solutions – part 2

$836 + \boxed{85} = 921$

$554 + \boxed{86} = 640$

$174 + \boxed{67} = 241$

$565 + \boxed{86} = 651$

$588 + \boxed{35} = 623$

$689 + \boxed{87} = 776$

$668 + \boxed{54} = 722$

$527 + \boxed{93} = 620$

$867 + \boxed{44} = 911$

$597 + \boxed{24} = 621$

$375 + \boxed{75} = 450$

$438 + \boxed{75} = 513$

$195 + \boxed{86} = 281$

$399 + \boxed{65} = 464$

$668 + \boxed{63} = 731$

$886 + \boxed{75} = 961$

$685 + \boxed{27} = 712$

$875 + \boxed{38} = 913$

 $\boxed{846} + 65 = 911$

$\boxed{387} + 33 = 420$

$\boxed{352} + 88 = 440$

$\boxed{284} + 87 = 371$

$\boxed{293} + 77 = 370$

$\boxed{746} + 66 = 812$

$\boxed{855} + 89 = 944$

$\boxed{588} + 74 = 662$

$\boxed{546} + 65 = 611$

$\boxed{596} + 25 = 621$

$\boxed{567} + 67 = 634$

$\boxed{787} + 89 = 876$

$\boxed{797} + 35 = 832$

$\boxed{387} + 54 = 441$

$\boxed{146} + 66 = 212$

$\boxed{655} + 76 = 731$

$\boxed{877} + 98 = 975$

$\boxed{488} + 36 = 524$

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Test 2 - SOLUTIONS:

$258 + 83 = \boxed{341}$

$779 + 47 = \boxed{826}$

$838 + 83 = \boxed{921}$

$694 + 46 = \boxed{740}$

$536 + 87 = \boxed{623}$

$799 + 38 = \boxed{837}$

$175 + 77 = \boxed{252}$

$577 + 83 = \boxed{660}$

$897 + 38 = \boxed{935}$

$682 + 79 = \boxed{761}$

$333 + 88 = \boxed{421}$

$678 + 84 = \boxed{762}$

$676 + 49 = \boxed{725}$

$688 + 28 = \boxed{716}$

$385 + 88 = \boxed{473}$

$792 + 59 = \boxed{851}$

$586 + 25 = \boxed{611}$

$698 + 97 = \boxed{795}$

$166 + 75 = \boxed{241}$

$196 + 97 = \boxed{293}$

$445 + 85 = \boxed{530}$

$156 + 84 = \boxed{240}$

$786 + 86 = \boxed{872}$

$257 + 74 = \boxed{331}$

$573 + 47 = \boxed{620}$

$875 + 77 = \boxed{952}$

$189 + 98 = \boxed{287}$

$173 + 77 = \boxed{250}$

$796 + 29 = \boxed{825}$

$179 + 72 = \boxed{251}$

$283 + 99 = \boxed{382}$

$565 + 48 = \boxed{613}$

$677 + 88 = \boxed{765}$

$778 + 85 = \boxed{863}$

$882 + 78 = \boxed{960}$

$465 + 85 = \boxed{550}$

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Test 2 Solutions – part 2

$563 + \boxed{88} = 651$

$785 + \boxed{87} = 872$

$294 + \boxed{26} = 320$

$599 + \boxed{41} = 640$

$778 + \boxed{34} = 812$

$446 + \boxed{66} = 512$

$649 + \boxed{99} = 748$

$588 + \boxed{64} = 652$

$356 + \boxed{94} = 450$

$664 + \boxed{88} = 752$

$767 + \boxed{67} = 834$

$756 + \boxed{75} = 831$

$168 + \boxed{82} = 250$

$733 + \boxed{77} = 810$

$677 + \boxed{53} = 730$

$462 + \boxed{99} = 561$

$298 + \boxed{94} = 392$

$847 + \boxed{73} = 920$

 $\boxed{266} + 88 = 354$

$\boxed{858} + 97 = 955$

$\boxed{555} + 96 = 651$

$\boxed{747} + 83 = 830$

$\boxed{767} + 77 = 844$

$\boxed{146} + 64 = 210$

$\boxed{672} + 98 = 770$

$\boxed{592} + 48 = 640$

$\boxed{694} + 78 = 772$

$\boxed{878} + 74 = 952$

$\boxed{638} + 72 = 710$

$\boxed{345} + 66 = 411$

$\boxed{285} + 76 = 361$

$\boxed{378} + 83 = 461$

$\boxed{498} + 83 = 581$

$\boxed{778} + 36 = 814$

$\boxed{657} + 86 = 743$

$\boxed{889} + 47 = 936$

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Test 3 - SOLUTIONS:

$546 + 77 = \boxed{623}$

$325 + 96 = \boxed{421}$

$883 + 87 = \boxed{970}$

$176 + 57 = \boxed{233}$

$739 + 77 = \boxed{816}$

$885 + 87 = \boxed{972}$

$455 + 85 = \boxed{540}$

$786 + 27 = \boxed{813}$

$686 + 44 = \boxed{730}$

$355 + 76 = \boxed{431}$

$774 + 59 = \boxed{833}$

$188 + 24 = \boxed{212}$

$228 + 95 = \boxed{323}$

$688 + 92 = \boxed{780}$

$148 + 72 = \boxed{220}$

$672 + 88 = \boxed{760}$

$282 + 69 = \boxed{351}$

$878 + 35 = \boxed{913}$

$389 + 48 = \boxed{437}$

$194 + 59 = \boxed{253}$

$643 + 89 = \boxed{732}$

$883 + 88 = \boxed{971}$

$384 + 98 = \boxed{482}$

$164 + 47 = \boxed{211}$

$276 + 67 = \boxed{343}$

$766 + 85 = \boxed{851}$

$274 + 47 = \boxed{321}$

$785 + 88 = \boxed{873}$

$259 + 78 = \boxed{337}$

$866 + 58 = \boxed{924}$

$185 + 59 = \boxed{244}$

$645 + 75 = \boxed{720}$

$383 + 89 = \boxed{472}$

$698 + 55 = \boxed{753}$

$438 + 88 = \boxed{526}$

$475 + 67 = \boxed{542}$

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Test 3 Solutions – part 2

$748 + \boxed{77} = 825$

$475 + \boxed{49} = 524$

$645 + \boxed{97} = 742$

$694 + \boxed{39} = 733$

$843 + \boxed{67} = 910$

$679 + \boxed{89} = 768$

$387 + \boxed{45} = 432$

$457 + \boxed{66} = 523$

$575 + \boxed{57} = 632$

$637 + \boxed{87} = 724$

$766 + \boxed{86} = 852$

$548 + \boxed{66} = 614$

$786 + \boxed{38} = 824$

$247 + \boxed{79} = 326$

$576 + \boxed{87} = 663$

$896 + \boxed{38} = 934$

$738 + \boxed{83} = 821$

$376 + \boxed{56} = 432$

 $\boxed{289} + 45 = 334$

$\boxed{162} + 78 = 240$

$\boxed{384} + 47 = 431$

$\boxed{877} + 47 = 924$

$\boxed{585} + 27 = 612$

$\boxed{258} + 73 = 331$

$\boxed{596} + 59 = 655$

$\boxed{739} + 78 = 817$

$\boxed{496} + 54 = 550$

$\boxed{365} + 46 = 411$

$\boxed{888} + 68 = 956$

$\boxed{426} + 86 = 512$

$\boxed{167} + 67 = 234$

$\boxed{369} + 77 = 446$

$\boxed{848} + 84 = 932$

$\boxed{496} + 59 = 555$

$\boxed{578} + 75 = 653$

$\boxed{874} + 46 = 920$

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1st Case Examples :

$$365 + 57 = \underline{300+60+5} + \underline{50+7} = 300 + \underline{60+50} + \underline{5+7} =$$
$$100+10 + 10+2$$
$$= 300 + 110 + 12 = 400 + 20 + 2 = 422$$

2nd Case Examples :

$$376 + \boxed{?} = 432 \quad \text{which means:} \quad \boxed{?} = 432 - 376 = 56$$
$$300+120+12 - 300-70-6$$

Or you can try “upgrading” in **chunks** to our solution:

- you need **4** to go from “376” to “380”
- and then **20** to go to “400”
- and finally **32** to go to “432”
- and that’s: **32+20+4 = 56**

3rd Case Examples :

$$\boxed{?} + 68 = 956 \quad \text{which means:} \quad \boxed{?} = 956 - 68 = 888$$
$$800+140+16 - 60-8$$

Or you can try “upgrading” in **chunks** to a solution:

- you need **2** to go from “68” to “70” (round 10s)
- and then **30** to go to “100” (round 100s)
- and then **800** more to go to “900”
- and finally **56** to go to “956”
- and that’s: **800+56+30+2 = 888**



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