

Free Printable Math Worksheets:
ADDITION without regrouping
2 digits + 2 digits

TEST 1:

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

$60 + 34 = \square$

$20 + 66 = \square$

$31 + 28 = \square$

$31 + 67 = \square$

$62 + 37 = \square$

$24 + 71 = \square$

$32 + 37 = \square$

$45 + 31 = \square$

$13 + 22 = \square$

$31 + 64 = \square$

$38 + 41 = \square$

$78 + 20 = \square$

$26 + 73 = \square$

$20 + 73 = \square$

$42 + 23 = \square$

$41 + 35 = \square$

$10 + 41 = \square$

$32 + 21 = \square$

$21 + 55 = \square$

$42 + 25 = \square$

$56 + 41 = \square$

$80 + 13 = \square$

$45 + 14 = \square$

$24 + 11 = \square$

$44 + 53 = \square$

$33 + 51 = \square$

$62 + 35 = \square$

$74 + 23 = \square$

$34 + 55 = \square$

$27 + 71 = \square$

$27 + 51 = \square$

$44 + 25 = \square$

$32 + 27 = \square$

$74 + 11 = \square$

$72 + 26 = \square$

$35 + 14 = \square$

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Test 1 – part 2

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

$71 + \square = 92$

$15 + \square = 38$

$36 + \square = 67$

$32 + \square = 96$

$12 + \square = 48$

$25 + \square = 79$

$45 + \square = 79$

$65 + \square = 76$

$22 + \square = 94$

$37 + \square = 69$

$32 + \square = 66$

$31 + \square = 47$

$50 + \square = 97$

$72 + \square = 87$

$11 + \square = 88$

$10 + \square = 42$

$18 + \square = 89$

$12 + \square = 99$

 $\square + 27 = 49$

$\square + 41 = 63$

$\square + 25 = 55$

$\square + 14 = 77$

$\square + 62 = 96$

$\square + 44 = 67$

$\square + 70 = 84$

$\square + 42 = 78$

$\square + 30 = 54$

$\square + 33 = 86$

$\square + 30 = 55$

$\square + 21 = 55$

$\square + 11 = 73$

$\square + 49 = 59$

$\square + 34 = 65$

$\square + 62 = 89$

$\square + 11 = 63$

$\square + 21 = 71$

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TEST 2:

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

$42 + 31 = \square$

$32 + 47 = \square$

$33 + 41 = \square$

$40 + 45 = \square$

$16 + 31 = \square$

$33 + 13 = \square$

$42 + 42 = \square$

$63 + 30 = \square$

$42 + 32 = \square$

$13 + 45 = \square$

$54 + 24 = \square$

$44 + 55 = \square$

$11 + 82 = \square$

$41 + 37 = \square$

$39 + 30 = \square$

$22 + 42 = \square$

$36 + 62 = \square$

$17 + 80 = \square$

$10 + 49 = \square$

$40 + 17 = \square$

$24 + 44 = \square$

$44 + 21 = \square$

$12 + 13 = \square$

$51 + 11 = \square$

$36 + 42 = \square$

$25 + 22 = \square$

$12 + 47 = \square$

$37 + 62 = \square$

$63 + 15 = \square$

$36 + 51 = \square$

$23 + 14 = \square$

$38 + 21 = \square$

$23 + 73 = \square$

$33 + 23 = \square$

$33 + 45 = \square$

$22 + 76 = \square$

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Test 2 – part 2

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

$34 + \square = 89$

$30 + \square = 71$

$43 + \square = 66$

$41 + \square = 94$

$63 + \square = 94$

$11 + \square = 26$

$13 + \square = 99$

$22 + \square = 95$

$24 + \square = 75$

$10 + \square = 87$

$24 + \square = 46$

$23 + \square = 68$

$13 + \square = 43$

$25 + \square = 97$

$27 + \square = 69$

$25 + \square = 49$

$52 + \square = 95$

$53 + \square = 84$

 $\square + 33 = 57$

$\square + 21 = 99$

$\square + 34 = 77$

$\square + 34 = 88$

$\square + 71 = 94$

$\square + 41 = 98$

$\square + 85 = 98$

$\square + 36 = 78$

$\square + 10 = 73$

$\square + 25 = 89$

$\square + 24 = 59$

$\square + 83 = 94$

$\square + 11 = 37$

$\square + 21 = 42$

$\square + 36 = 47$

$\square + 34 = 86$

$\square + 76 = 99$

$\square + 12 = 33$

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TEST 3:

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

$41 + 57 = \square$

$43 + 35 = \square$

$25 + 31 = \square$

$54 + 22 = \square$

$87 + 12 = \square$

$50 + 12 = \square$

$46 + 22 = \square$

$22 + 47 = \square$

$20 + 37 = \square$

$27 + 72 = \square$

$42 + 21 = \square$

$24 + 35 = \square$

$26 + 13 = \square$

$12 + 24 = \square$

$28 + 51 = \square$

$71 + 27 = \square$

$73 + 13 = \square$

$31 + 33 = \square$

$71 + 24 = \square$

$21 + 46 = \square$

$72 + 24 = \square$

$53 + 36 = \square$

$61 + 34 = \square$

$22 + 21 = \square$

$36 + 62 = \square$

$61 + 35 = \square$

$32 + 53 = \square$

$58 + 20 = \square$

$26 + 72 = \square$

$31 + 18 = \square$

$21 + 37 = \square$

$23 + 10 = \square$

$15 + 14 = \square$

$56 + 23 = \square$

$56 + 32 = \square$

$60 + 28 = \square$

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Test 3 – part 2

The following 2 sets require a little subtracting actually, but you can also try “upgrading” to the solution (i.e. how much you need to get there): :-)

$21 + \square = 54$

$23 + \square = 76$

$25 + \square = 67$

$34 + \square = 64$

$87 + \square = 98$

$22 + \square = 46$

$28 + \square = 68$

$60 + \square = 99$

$33 + \square = 64$

$37 + \square = 78$

$27 + \square = 57$

$75 + \square = 89$

$26 + \square = 59$

$70 + \square = 91$

$20 + \square = 70$

$13 + \square = 36$

$43 + \square = 77$

$18 + \square = 49$

 $\square + 60 = 98$

$\square + 45 = 85$

$\square + 10 = 76$

$\square + 24 = 58$

$\square + 48 = 68$

$\square + 11 = 73$

$\square + 33 = 79$

$\square + 62 = 95$

$\square + 37 = 98$

$\square + 53 = 75$

$\square + 34 = 95$

$\square + 31 = 45$

$\square + 43 = 78$

$\square + 42 = 89$

$\square + 60 = 88$

$\square + 20 = 82$

$\square + 40 = 94$

$\square + 24 = 99$

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Test 1 - SOLUTIONS:

$60 + 34 = \boxed{94}$

$20 + 66 = \boxed{86}$

$31 + 28 = \boxed{59}$

$31 + 67 = \boxed{98}$

$62 + 37 = \boxed{99}$

$24 + 71 = \boxed{95}$

$32 + 37 = \boxed{69}$

$45 + 31 = \boxed{76}$

$13 + 22 = \boxed{35}$

$31 + 64 = \boxed{95}$

$38 + 41 = \boxed{79}$

$78 + 20 = \boxed{98}$

$26 + 73 = \boxed{99}$

$20 + 73 = \boxed{93}$

$42 + 23 = \boxed{65}$

$41 + 35 = \boxed{76}$

$10 + 41 = \boxed{51}$

$32 + 21 = \boxed{53}$

$21 + 55 = \boxed{76}$

$42 + 25 = \boxed{67}$

$56 + 41 = \boxed{97}$

$80 + 13 = \boxed{93}$

$45 + 14 = \boxed{59}$

$24 + 11 = \boxed{35}$

$44 + 53 = \boxed{97}$

$33 + 51 = \boxed{84}$

$62 + 35 = \boxed{97}$

$74 + 23 = \boxed{97}$

$34 + 55 = \boxed{89}$

$27 + 71 = \boxed{98}$

$27 + 51 = \boxed{78}$

$44 + 25 = \boxed{69}$

$32 + 27 = \boxed{59}$

$74 + 11 = \boxed{85}$

$72 + 26 = \boxed{98}$

$35 + 14 = \boxed{49}$

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Test 1 Solutions – part 2

$71 + \boxed{21} = 92$

$15 + \boxed{23} = 38$

$36 + \boxed{31} = 67$

$32 + \boxed{64} = 96$

$12 + \boxed{36} = 48$

$25 + \boxed{54} = 79$

$45 + \boxed{34} = 79$

$65 + \boxed{11} = 76$

$22 + \boxed{72} = 94$

$37 + \boxed{32} = 69$

$32 + \boxed{34} = 66$

$31 + \boxed{16} = 47$

$50 + \boxed{47} = 97$

$72 + \boxed{15} = 87$

$11 + \boxed{77} = 88$

$10 + \boxed{32} = 42$

$18 + \boxed{71} = 89$

$12 + \boxed{87} = 99$

 $\boxed{22} + 27 = 49$

$\boxed{22} + 41 = 63$

$\boxed{30} + 25 = 55$

$\boxed{63} + 14 = 77$

$\boxed{34} + 62 = 96$

$\boxed{23} + 44 = 67$

$\boxed{14} + 70 = 84$

$\boxed{36} + 42 = 78$

$\boxed{24} + 30 = 54$

$\boxed{53} + 33 = 86$

$\boxed{25} + 30 = 55$

$\boxed{34} + 21 = 55$

$\boxed{62} + 11 = 73$

$\boxed{10} + 49 = 59$

$\boxed{31} + 34 = 65$

$\boxed{27} + 62 = 89$

$\boxed{52} + 11 = 63$

$\boxed{50} + 21 = 71$

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Test 2 - SOLUTIONS:

$42 + 31 = \boxed{73}$

$32 + 47 = \boxed{79}$

$33 + 41 = \boxed{74}$

$40 + 45 = \boxed{85}$

$16 + 31 = \boxed{47}$

$33 + 13 = \boxed{46}$

$42 + 42 = \boxed{84}$

$63 + 30 = \boxed{93}$

$42 + 32 = \boxed{74}$

$13 + 45 = \boxed{58}$

$54 + 24 = \boxed{78}$

$44 + 55 = \boxed{99}$

$11 + 82 = \boxed{93}$

$41 + 37 = \boxed{78}$

$39 + 30 = \boxed{69}$

$22 + 42 = \boxed{64}$

$36 + 62 = \boxed{98}$

$17 + 80 = \boxed{97}$

$10 + 49 = \boxed{59}$

$40 + 17 = \boxed{57}$

$24 + 44 = \boxed{68}$

$44 + 21 = \boxed{65}$

$12 + 13 = \boxed{25}$

$51 + 11 = \boxed{62}$

$36 + 42 = \boxed{78}$

$25 + 22 = \boxed{47}$

$12 + 47 = \boxed{59}$

$37 + 62 = \boxed{99}$

$63 + 15 = \boxed{78}$

$36 + 51 = \boxed{87}$

$23 + 14 = \boxed{37}$

$38 + 21 = \boxed{59}$

$23 + 73 = \boxed{96}$

$33 + 23 = \boxed{56}$

$33 + 45 = \boxed{78}$

$22 + 76 = \boxed{98}$

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Test 2 Solutions – part 2

$34 + \boxed{55} = 89$

$30 + \boxed{41} = 71$

$43 + \boxed{23} = 66$

$41 + \boxed{53} = 94$

$63 + \boxed{31} = 94$

$11 + \boxed{15} = 26$

$13 + \boxed{86} = 99$

$22 + \boxed{73} = 95$

$24 + \boxed{51} = 75$

$10 + \boxed{77} = 87$

$24 + \boxed{22} = 46$

$23 + \boxed{45} = 68$

$13 + \boxed{30} = 43$

$25 + \boxed{72} = 97$

$27 + \boxed{42} = 69$

$25 + \boxed{24} = 49$

$52 + \boxed{43} = 95$

$53 + \boxed{31} = 84$

 $\boxed{24} + 33 = 57$

$\boxed{78} + 21 = 99$

$\boxed{43} + 34 = 77$

$\boxed{54} + 34 = 88$

$\boxed{23} + 71 = 94$

$\boxed{57} + 41 = 98$

$\boxed{13} + 85 = 98$

$\boxed{42} + 36 = 78$

$\boxed{63} + 10 = 73$

$\boxed{64} + 25 = 89$

$\boxed{35} + 24 = 59$

$\boxed{11} + 83 = 94$

$\boxed{26} + 11 = 37$

$\boxed{21} + 21 = 42$

$\boxed{11} + 36 = 47$

$\boxed{52} + 34 = 86$

$\boxed{23} + 76 = 99$

$\boxed{21} + 12 = 33$

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Test 3 - SOLUTIONS:

$41 + 57 = \boxed{98}$

$43 + 35 = \boxed{78}$

$25 + 31 = \boxed{56}$

$54 + 22 = \boxed{76}$

$87 + 12 = \boxed{99}$

$50 + 12 = \boxed{62}$

$46 + 22 = \boxed{68}$

$22 + 47 = \boxed{69}$

$20 + 37 = \boxed{57}$

$27 + 72 = \boxed{99}$

$42 + 21 = \boxed{63}$

$24 + 35 = \boxed{59}$

$26 + 13 = \boxed{39}$

$12 + 24 = \boxed{36}$

$28 + 51 = \boxed{79}$

$71 + 27 = \boxed{98}$

$73 + 13 = \boxed{86}$

$31 + 33 = \boxed{64}$

$71 + 24 = \boxed{95}$

$21 + 46 = \boxed{67}$

$72 + 24 = \boxed{96}$

$53 + 36 = \boxed{89}$

$61 + 34 = \boxed{95}$

$22 + 21 = \boxed{43}$

$36 + 62 = \boxed{98}$

$61 + 35 = \boxed{96}$

$32 + 53 = \boxed{85}$

$58 + 20 = \boxed{78}$

$26 + 72 = \boxed{98}$

$31 + 18 = \boxed{49}$

$21 + 37 = \boxed{58}$

$23 + 10 = \boxed{33}$

$15 + 14 = \boxed{29}$

$56 + 23 = \boxed{79}$

$56 + 32 = \boxed{88}$

$60 + 28 = \boxed{88}$

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Test 3 Solutions – part 2

$21 + \boxed{33} = 54$

$23 + \boxed{53} = 76$

$25 + \boxed{42} = 67$

$34 + \boxed{30} = 64$

$87 + \boxed{11} = 98$

$22 + \boxed{24} = 46$

$28 + \boxed{40} = 68$

$60 + \boxed{39} = 99$

$33 + \boxed{31} = 64$

$37 + \boxed{41} = 78$

$27 + \boxed{30} = 57$

$75 + \boxed{14} = 89$

$26 + \boxed{33} = 59$

$70 + \boxed{21} = 91$

$20 + \boxed{50} = 70$

$13 + \boxed{23} = 36$

$43 + \boxed{34} = 77$

$18 + \boxed{31} = 49$

 $\boxed{38} + 60 = 98$

$\boxed{40} + 45 = 85$

$\boxed{66} + 10 = 76$

$\boxed{34} + 24 = 58$

$\boxed{20} + 48 = 68$

$\boxed{62} + 11 = 73$

$\boxed{46} + 33 = 79$

$\boxed{33} + 62 = 95$

$\boxed{61} + 37 = 98$

$\boxed{22} + 53 = 75$

$\boxed{61} + 34 = 95$

$\boxed{14} + 31 = 45$

$\boxed{35} + 43 = 78$

$\boxed{47} + 42 = 89$

$\boxed{28} + 60 = 88$

$\boxed{62} + 20 = 82$

$\boxed{54} + 40 = 94$

$\boxed{75} + 24 = 99$

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1st Case Examples :

$$56 + 42 = 50+6 + 40+2 = 50+40 + 6+2 = 90 + 8 = 98$$

$$31 + 24 = 30+1 + 20+4 = 30+20 + 1+4 = 50 + 5 = 55$$

2nd Case Examples :

$$45 + \boxed{?} = 68 \quad \text{which means:} \quad \boxed{?} = 68 - 45 = 23$$

60+8 - 40-5

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

- you need “**3**” to go from “**45**” to “**48**”
- and then “**20**” more to go from “**48**” to “**68**”
- and that’s: **20 + 3 = 23**

3rd Case Examples :

$$\boxed{?} + 24 = 89 \quad \text{which means:} \quad \boxed{?} = 89 - 24 = 65$$

80+9 - 20-4

Same here - you can try “upgrading” in **chunks** to our solution:

- you need “**5**” to go from “**24**” to “**29**”
- then “**60**” more to go from “**29**” to “**89**”
- so that’s: **60 + 5 = 65**



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