

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

TEST 1:

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

$49 + 42 = \square$

$36 + 16 = \square$

$26 + 66 = \square$

$33 + 57 = \square$

$34 + 26 = \square$

$46 + 24 = \square$

$44 + 19 = \square$

$19 + 73 = \square$

$23 + 38 = \square$

$34 + 57 = \square$

$65 + 17 = \square$

$37 + 55 = \square$

$46 + 44 = \square$

$15 + 56 = \square$

$67 + 25 = \square$

$39 + 27 = \square$

$43 + 28 = \square$

$37 + 26 = \square$

$23 + 37 = \square$

$23 + 17 = \square$

$26 + 55 = \square$

$34 + 27 = \square$

$38 + 23 = \square$

$46 + 28 = \square$

$53 + 38 = \square$

$26 + 24 = \square$

$14 + 49 = \square$

$38 + 14 = \square$

$33 + 47 = \square$

$25 + 27 = \square$

$38 + 22 = \square$

$57 + 26 = \square$

$22 + 28 = \square$

$12 + 58 = \square$

$12 + 18 = \square$

$64 + 28 = \square$

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Test 1 – part 2

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

$58 + \square = 83$

$37 + \square = 94$

$57 + \square = 85$

$69 + \square = 95$

$28 + \square = 64$

$33 + \square = 71$

$56 + \square = 84$

$69 + \square = 93$

$38 + \square = 66$

$52 + \square = 91$

$22 + \square = 60$

$64 + \square = 81$

$47 + \square = 85$

$69 + \square = 94$

$17 + \square = 35$

$35 + \square = 90$

$57 + \square = 71$

$47 + \square = 81$

 $\square + 48 = 62$

$\square + 64 = 92$

$\square + 65 = 81$

$\square + 67 = 94$

$\square + 16 = 35$

$\square + 33 = 61$

$\square + 47 = 92$

$\square + 26 = 61$

$\square + 54 = 82$

$\square + 69 = 85$

$\square + 18 = 33$

$\square + 29 = 53$

$\square + 33 = 62$

$\square + 34 = 60$

$\square + 38 = 65$

$\square + 17 = 86$

$\square + 38 = 81$

$\square + 55 = 72$

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TEST 2:

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

$18 + 13 = \square$

$25 + 45 = \square$

$24 + 18 = \square$

$69 + 26 = \square$

$25 + 67 = \square$

$12 + 79 = \square$

$55 + 18 = \square$

$26 + 56 = \square$

$38 + 53 = \square$

$37 + 25 = \square$

$33 + 49 = \square$

$12 + 29 = \square$

$33 + 19 = \square$

$47 + 39 = \square$

$37 + 47 = \square$

$18 + 42 = \square$

$55 + 38 = \square$

$15 + 35 = \square$

$46 + 44 = \square$

$28 + 62 = \square$

$22 + 28 = \square$

$18 + 55 = \square$

$47 + 48 = \square$

$37 + 48 = \square$

$45 + 28 = \square$

$34 + 26 = \square$

$57 + 18 = \square$

$25 + 25 = \square$

$54 + 18 = \square$

$16 + 49 = \square$

$26 + 39 = \square$

$46 + 29 = \square$

$26 + 27 = \square$

$65 + 15 = \square$

$57 + 38 = \square$

$37 + 57 = \square$

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Test 2 – part 2

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

$27 + \square = 51$

$77 + \square = 90$

$67 + \square = 81$

$34 + \square = 93$

$16 + \square = 54$

$38 + \square = 71$

$17 + \square = 40$

$27 + \square = 74$

$19 + \square = 94$

$24 + \square = 82$

$27 + \square = 75$

$38 + \square = 65$

$27 + \square = 53$

$56 + \square = 80$

$55 + \square = 82$

$52 + \square = 80$

$12 + \square = 61$

$49 + \square = 75$

 $\square + 35 = 52$

$\square + 29 = 56$

$\square + 66 = 93$

$\square + 46 = 81$

$\square + 19 = 83$

$\square + 25 = 82$

$\square + 59 = 94$

$\square + 38 = 71$

$\square + 33 = 72$

$\square + 56 = 90$

$\square + 58 = 85$

$\square + 45 = 91$

$\square + 36 = 74$

$\square + 78 = 94$

$\square + 47 = 75$

$\square + 46 = 84$

$\square + 29 = 73$

$\square + 65 = 83$

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TEST 3:

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

$19 + 55 = \square$

$19 + 35 = \square$

$29 + 46 = \square$

$48 + 14 = \square$

$52 + 38 = \square$

$36 + 44 = \square$

$56 + 16 = \square$

$48 + 48 = \square$

$27 + 28 = \square$

$55 + 17 = \square$

$45 + 18 = \square$

$58 + 36 = \square$

$38 + 33 = \square$

$28 + 43 = \square$

$28 + 55 = \square$

$26 + 68 = \square$

$45 + 37 = \square$

$17 + 69 = \square$

$35 + 57 = \square$

$35 + 15 = \square$

$48 + 13 = \square$

$12 + 78 = \square$

$24 + 48 = \square$

$56 + 29 = \square$

$28 + 54 = \square$

$43 + 28 = \square$

$24 + 27 = \square$

$15 + 45 = \square$

$48 + 42 = \square$

$36 + 48 = \square$

$17 + 46 = \square$

$29 + 52 = \square$

$29 + 61 = \square$

$37 + 36 = \square$

$18 + 67 = \square$

$26 + 19 = \square$

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Test 3 – part 2

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

$67 + \square = 84$

$22 + \square = 41$

$27 + \square = 70$

$38 + \square = 94$

$35 + \square = 83$

$55 + \square = 84$

$25 + \square = 42$

$57 + \square = 70$

$58 + \square = 82$

$36 + \square = 91$

$39 + \square = 94$

$37 + \square = 91$

$46 + \square = 81$

$42 + \square = 81$

$38 + \square = 61$

$49 + \square = 75$

$62 + \square = 80$

$22 + \square = 80$

 $\square + 57 = 86$

$\square + 43 = 61$

$\square + 48 = 93$

$\square + 38 = 67$

$\square + 26 = 53$

$\square + 44 = 73$

$\square + 68 = 85$

$\square + 68 = 93$

$\square + 69 = 98$

$\square + 43 = 81$

$\square + 28 = 60$

$\square + 26 = 93$

$\square + 78 = 97$

$\square + 49 = 87$

$\square + 69 = 93$

$\square + 44 = 61$

$\square + 68 = 96$

$\square + 39 = 78$

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Test 1 - SOLUTIONS:

$49 + 42 = \boxed{91}$

$36 + 16 = \boxed{52}$

$26 + 66 = \boxed{92}$

$33 + 57 = \boxed{90}$

$34 + 26 = \boxed{60}$

$46 + 24 = \boxed{70}$

$44 + 19 = \boxed{63}$

$19 + 73 = \boxed{92}$

$23 + 38 = \boxed{61}$

$34 + 57 = \boxed{91}$

$65 + 17 = \boxed{82}$

$37 + 55 = \boxed{92}$

$46 + 44 = \boxed{90}$

$15 + 56 = \boxed{71}$

$67 + 25 = \boxed{92}$

$39 + 27 = \boxed{66}$

$43 + 28 = \boxed{71}$

$37 + 26 = \boxed{63}$

$23 + 37 = \boxed{60}$

$23 + 17 = \boxed{40}$

$26 + 55 = \boxed{81}$

$34 + 27 = \boxed{61}$

$38 + 23 = \boxed{61}$

$46 + 28 = \boxed{74}$

$53 + 38 = \boxed{91}$

$26 + 24 = \boxed{50}$

$14 + 49 = \boxed{63}$

$38 + 14 = \boxed{52}$

$33 + 47 = \boxed{80}$

$25 + 27 = \boxed{52}$

$38 + 22 = \boxed{60}$

$57 + 26 = \boxed{83}$

$22 + 28 = \boxed{50}$

$12 + 58 = \boxed{70}$

$12 + 18 = \boxed{30}$

$64 + 28 = \boxed{92}$

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Test 1 Solutions – part 2

$58 + \boxed{25} = 83$

$37 + \boxed{57} = 94$

$57 + \boxed{28} = 85$

$69 + \boxed{26} = 95$

$28 + \boxed{36} = 64$

$33 + \boxed{38} = 71$

$56 + \boxed{28} = 84$

$69 + \boxed{24} = 93$

$38 + \boxed{28} = 66$

$52 + \boxed{39} = 91$

$22 + \boxed{38} = 60$

$64 + \boxed{17} = 81$

$47 + \boxed{38} = 85$

$69 + \boxed{25} = 94$

$17 + \boxed{18} = 35$

$35 + \boxed{55} = 90$

$57 + \boxed{14} = 71$

$47 + \boxed{34} = 81$

 $\boxed{14} + 48 = 62$

$\boxed{28} + 64 = 92$

$\boxed{16} + 65 = 81$

$\boxed{27} + 67 = 94$

$\boxed{19} + 16 = 35$

$\boxed{28} + 33 = 61$

$\boxed{45} + 47 = 92$

$\boxed{35} + 26 = 61$

$\boxed{28} + 54 = 82$

$\boxed{16} + 69 = 85$

$\boxed{15} + 18 = 33$

$\boxed{24} + 29 = 53$

$\boxed{29} + 33 = 62$

$\boxed{26} + 34 = 60$

$\boxed{27} + 38 = 65$

$\boxed{69} + 17 = 86$

$\boxed{43} + 38 = 81$

$\boxed{17} + 55 = 72$

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Test 2 - SOLUTIONS:

$18 + 13 = \boxed{31}$

$25 + 45 = \boxed{70}$

$24 + 18 = \boxed{42}$

$69 + 26 = \boxed{95}$

$25 + 67 = \boxed{92}$

$12 + 79 = \boxed{91}$

$55 + 18 = \boxed{73}$

$26 + 56 = \boxed{82}$

$38 + 53 = \boxed{91}$

$37 + 25 = \boxed{62}$

$33 + 49 = \boxed{82}$

$12 + 29 = \boxed{41}$

$33 + 19 = \boxed{52}$

$47 + 39 = \boxed{86}$

$37 + 47 = \boxed{84}$

$18 + 42 = \boxed{60}$

$55 + 38 = \boxed{93}$

$15 + 35 = \boxed{50}$

$46 + 44 = \boxed{90}$

$28 + 62 = \boxed{90}$

$22 + 28 = \boxed{50}$

$18 + 55 = \boxed{73}$

$47 + 48 = \boxed{95}$

$37 + 48 = \boxed{85}$

$45 + 28 = \boxed{73}$

$34 + 26 = \boxed{60}$

$57 + 18 = \boxed{75}$

$25 + 25 = \boxed{50}$

$54 + 18 = \boxed{72}$

$16 + 49 = \boxed{65}$

$26 + 39 = \boxed{65}$

$46 + 29 = \boxed{75}$

$26 + 27 = \boxed{53}$

$65 + 15 = \boxed{80}$

$57 + 38 = \boxed{95}$

$37 + 57 = \boxed{94}$

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Test 2 Solutions – part 2

$27 + \boxed{24} = 51$

$77 + \boxed{13} = 90$

$67 + \boxed{14} = 81$

$34 + \boxed{59} = 93$

$16 + \boxed{38} = 54$

$38 + \boxed{33} = 71$

$17 + \boxed{23} = 40$

$27 + \boxed{47} = 74$

$19 + \boxed{75} = 94$

$24 + \boxed{58} = 82$

$27 + \boxed{48} = 75$

$38 + \boxed{27} = 65$

$27 + \boxed{26} = 53$

$56 + \boxed{24} = 80$

$55 + \boxed{27} = 82$

$52 + \boxed{28} = 80$

$12 + \boxed{49} = 61$

$49 + \boxed{26} = 75$

 $\boxed{17} + 35 = 52$

$\boxed{27} + 29 = 56$

$\boxed{27} + 66 = 93$

$\boxed{35} + 46 = 81$

$\boxed{64} + 19 = 83$

$\boxed{57} + 25 = 82$

$\boxed{35} + 59 = 94$

$\boxed{33} + 38 = 71$

$\boxed{39} + 33 = 72$

$\boxed{34} + 56 = 90$

$\boxed{27} + 58 = 85$

$\boxed{46} + 45 = 91$

$\boxed{38} + 36 = 74$

$\boxed{16} + 78 = 94$

$\boxed{28} + 47 = 75$

$\boxed{38} + 46 = 84$

$\boxed{44} + 29 = 73$

$\boxed{18} + 65 = 83$

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Test 3 - SOLUTIONS:

$19 + 55 = \boxed{74}$

$19 + 35 = \boxed{54}$

$29 + 46 = \boxed{75}$

$48 + 14 = \boxed{62}$

$52 + 38 = \boxed{90}$

$36 + 44 = \boxed{80}$

$56 + 16 = \boxed{72}$

$48 + 48 = \boxed{96}$

$27 + 28 = \boxed{55}$

$55 + 17 = \boxed{72}$

$45 + 18 = \boxed{63}$

$58 + 36 = \boxed{94}$

$38 + 33 = \boxed{71}$

$28 + 43 = \boxed{71}$

$28 + 55 = \boxed{83}$

$26 + 68 = \boxed{94}$

$45 + 37 = \boxed{82}$

$17 + 69 = \boxed{86}$

$35 + 57 = \boxed{92}$

$35 + 15 = \boxed{50}$

$48 + 13 = \boxed{61}$

$12 + 78 = \boxed{90}$

$24 + 48 = \boxed{72}$

$56 + 29 = \boxed{85}$

$28 + 54 = \boxed{82}$

$43 + 28 = \boxed{71}$

$24 + 27 = \boxed{51}$

$15 + 45 = \boxed{60}$

$48 + 42 = \boxed{90}$

$36 + 48 = \boxed{84}$

$17 + 46 = \boxed{63}$

$29 + 52 = \boxed{81}$

$29 + 61 = \boxed{90}$

$37 + 36 = \boxed{73}$

$18 + 67 = \boxed{85}$

$26 + 19 = \boxed{45}$

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Test 3 Solutions – part 2

$67 + \boxed{17} = 84$

$22 + \boxed{19} = 41$

$27 + \boxed{43} = 70$

$38 + \boxed{56} = 94$

$35 + \boxed{48} = 83$

$55 + \boxed{29} = 84$

$25 + \boxed{17} = 42$

$57 + \boxed{13} = 70$

$58 + \boxed{24} = 82$

$36 + \boxed{55} = 91$

$39 + \boxed{55} = 94$

$37 + \boxed{54} = 91$

$46 + \boxed{35} = 81$

$42 + \boxed{39} = 81$

$38 + \boxed{23} = 61$

$49 + \boxed{26} = 75$

$62 + \boxed{18} = 80$

$22 + \boxed{58} = 80$

 $\boxed{29} + 57 = 86$

$\boxed{18} + 43 = 61$

$\boxed{45} + 48 = 93$

$\boxed{29} + 38 = 67$

$\boxed{27} + 26 = 53$

$\boxed{29} + 44 = 73$

$\boxed{17} + 68 = 85$

$\boxed{25} + 68 = 93$

$\boxed{29} + 69 = 98$

$\boxed{38} + 43 = 81$

$\boxed{32} + 28 = 60$

$\boxed{67} + 26 = 93$

$\boxed{19} + 78 = 97$

$\boxed{38} + 49 = 87$

$\boxed{24} + 69 = 93$

$\boxed{17} + 44 = 61$

$\boxed{28} + 68 = 96$

$\boxed{39} + 39 = 78$

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1st Case Examples :

$$74 + 57 = 70+4 + 50+7 = 70+50 + 4+7 = 120 + 11 = 131$$

$$35 + 69 = 30+5 + 60+9 = 30+60 + 5+9 = 90 + 14 = 104$$

$$63 + 37 = 60+3 + 30+7 = 60+30 + 3+7 = 90 + 10 = 100$$

2nd Case Examples :

$$48 + \boxed{?} = 65 \quad \text{which means:} \quad \boxed{?} = 65 - 48 = 17$$

50+15 - 40-8

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

- first we need “**20**” to get from “48” to “68”
- then we take away “**3**” to go from “68” to “65”
- so that’s: **20 - 3 = 17**
- we could also go: **2+10+5 = 17**

3rd Case Examples :

$$\boxed{?} + 29 = 84 \quad \text{which means:} \quad \boxed{?} = 84 - 29 = 55$$

70+14 -20-9

Or you can try to get there in **chunks**:

- first we need “**1**” to get from “29” to “30”
- then we need “**50**” to get from “30” to “80”
- then “**4**” more to go from “80” to “84”
- so that’s: **1+50+4 = 55**
- we could also go: **60-5 = 55**



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