

ANSWERS

BASIC ADDING - HELP

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IN THIS SECTION WE ARE GOING TO USE OUR BASIC ADDITION SKILLS TO ADD LARGER NUMBERS.

WHEN I WORK ON BIGGER NUMBERS I TRY NOT TO THINK ABOUT HOW BIG THE NUMBERS ARE. I JUST KEEP THINKING, ADDING IS COUNTING.



CHECK THIS PROBLEM OUT. NOW DON'T PANIC ABOUT THE 45. JUST REMEMBER WHEN YOU'RE ADDING ALL YOU NEED TO DO IS COUNT 4 MORE AFTER 45.

$$\begin{array}{r} 45 + 4 = 49 \\ 45 \ 46 \ 47 \ 48 \ \boxed{49} \\ \uparrow \ 1 \ 2 \ 3 \ 4 \end{array}$$



SEE, IF YOU HAVE 45 ALL YOU DO IS COUNT 4 MORE, WHICH WOULD BE 46, 47, 48, 49. SO THE ANSWER IS 49.



VERY GOOD, POE. THE KEY IS NOT TO MAKE THIS HARDER THAN IT REALLY IS. IT'S ACTUALLY FAIRLY SIMPLE IF YOU JUST REMEMBER YOUR BASICS.

$$\begin{array}{r} 28 + 6 = 34 \\ 28 \ 29 \ 30 \ 31 \ 32 \ 33 \ \boxed{34} \\ \uparrow \ 1 \ 2 \ 3 \ 4 \ 5 \ 6 \end{array}$$



ON THIS PROBLEM, YOU HAVE 28 AND YOU'RE ADDING 6, SO YOU WOULD COUNT 6 MORE AFTER 28.



GOT THE ANSWER... 34, AND I THOUGHT I WAS GOING TO HAVE TO TAKE OFF MY SHOES TO COUNT MY TOES.

NOT THE SHOES... I CAN'T TAKE THE SMELL.



ANYWAY, I THINK WE SHOULD MOVE ON. TRY THESE ON YOUR OWN.

$$\begin{array}{l} 1. \ 62 + 5 = 67 \\ 61 \ 62 \ 63 \ 64 \ 65 \ 66 \ 67 \ 68 \\ \uparrow \end{array} \quad \begin{array}{l} 2. \ 19 + 4 = 23 \\ 18 \ 19 \ 20 \ 21 \ 22 \ 23 \ 24 \ 25 \end{array}$$



BASIC ADDING - PRACTICE A

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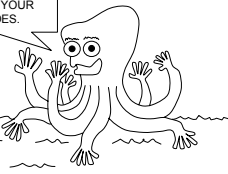


HERE ARE A FEW PROBLEMS FOR YOU TO SOLVE.

HELPFUL EXAMPLE

$$\begin{array}{r} 58 + 5 = 34 \\ 58 \ 59 \ 60 \ 61 \ 62 \ \boxed{34} \\ \uparrow \ 1 \ 2 \ 3 \ 4 \ 5 \end{array}$$

IT'S OK TO DRAW LINES, OR COUNT WITH YOUR FINGERS AND TOES.



- $23 + 3 = 26$
- $49 + 6 = 55$
- $40 + 5 = 45$
- $31 + 7 = 38$
- $62 + 4 = 66$
- $78 + 2 = 80$
- $59 + 5 = 64$
- $20 + 8 = 28$
- $35 + 3 = 38$
- $16 + 4 = 20$
- $51 + 7 = 58$
- $27 + 4 = 31$
- $93 + 5 = 98$
- $65 + 5 = 70$
- $72 + 6 = 78$
- $84 + 4 = 88$
- $38 + 6 = 44$
- $41 + 7 = 48$
- $63 + 3 = 66$
- $94 + 2 = 96$
- $81 + 8 = 89$
- $17 + 5 = 22$
- $59 + 4 = 63$
- $62 + 7 = 69$
- $20 + 8 = 28$
- $43 + 3 = 46$
- $76 + 8 = 84$
- $13 + 7 = 20$
- $54 + 5 = 59$
- $35 + 4 = 39$
- $72 + 0 = 72$
- $25 + 9 = 34$
- $64 + 7 = 71$

BASIC ADDING - PRACTICE B

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HEY MAX, I WAS JUST THINKING. WHAT IF WE HAVE SOMETHING LIKE $6 + 51 = ?$ IT WOULD BE SILLY TO COUNT 7, 8, 9, 10, 11... THAT WOULD TAKE FOREVER.



REMEMBER, POE, WHEN YOU ARE ONLY ADDING THE ORDER DOES NOT MATTER.

THAT'S RIGHT AND WE CAN SWITCH THE PROBLEM FROM $6 + 51$ TO $51 + 6$.

HELPFUL EXAMPLE

$$\begin{array}{r} 6 + 51 = 57 \\ 51 + 6 = 57 \\ 51 \ 52 \ 53 \ 54 \ 55 \ 56 \ \boxed{57} \\ \uparrow \ 1 \ 2 \ 3 \ 4 \ 5 \ 6 \end{array}$$

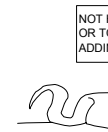
SO YOU DID THE OLD SWITCHA-ROOZY.



- $3 + 42 = 45$
- $5 + 65 = 70$
- $2 + 97 = 99$
- $42 + 3 = 45$
- $65 + 5 = 70$
- $97 + 2 = 99$
- $41 \ 42 \ 43 \ 44 \ \boxed{45} \ 46$
- $63 \ 64 \ 65 \ 66 \ 67 \ 68 \ 69 \ 70$
- $94 \ 95 \ 96 \ 97 \ 98 \ 99$
- $6 + 27 = 33$
- $4 + 63 = 67$
- $8 + 32 = 40$
- $5 + 40 = 45$
- $7 + 21 = 28$
- $6 + 56 = 62$
- $8 + 44 = 52$
- $6 + 17 = 23$
- $4 + 85 = 89$
- $3 + 56 = 59$
- $2 + 89 = 91$
- $8 + 44 = 52$
- $7 + 72 = 79$
- $5 + 43 = 48$
- $3 + 34 = 37$
- $9 + 18 = 27$
- $4 + 95 = 99$
- $7 + 67 = 74$
- $8 + 50 = 58$
- $3 + 85 = 88$
- $4 + 26 = 30$

BASIC ADDING - PRACTICE C

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NOT HAVING FINGERS OR TOES MAKES ADDING HARD.

HELPFUL EXAMPLE

$$\begin{array}{r} 45 + 3 = 48 \\ 65 + 3 = 68 \\ 75 + 3 = 78 \end{array}$$

THAT'S WHY YOU NEED TO MEMORIZE THE BASIC ADDITION FACTS.



- $72 + 7 = 79$
- $28 + 4 = 32$
- $56 + 5 = 61$
- $42 + 7 = 49$
- $48 + 4 = 52$
- $76 + 5 = 81$
- $66 + 3 = 69$
- $7 + 30 = 37$
- $81 + 6 = 87$
- $36 + 3 = 39$
- $7 + 70 = 77$
- $21 + 6 = 27$
- $53 + 8 = 61$
- $93 + 3 = 96$
- $2 + 45 = 47$
- $13 + 8 = 21$
- $53 + 3 = 56$
- $2 + 75 = 77$
- $50 + 9 = 59$
- $4 + 84 = 88$
- $31 + 8 = 39$
- $30 + 9 = 39$
- $4 + 44 = 48$
- $71 + 8 = 79$
- $5 + 17 = 22$
- $43 + 6 = 49$
- $52 + 3 = 55$
- $5 + 37 = 42$
- $83 + 6 = 89$
- $82 + 3 = 85$
- $49 + 1 = 50$
- $77 + 7 = 84$
- $8 + 41 = 49$
- $29 + 1 = 30$
- $57 + 7 = 64$
- $8 + 51 = 59$
- $46 + 0 = 46$
- $9 + 34 = 43$
- $92 + 6 = 98$
- $66 + 0 = 66$
- $9 + 74 = 83$
- $82 + 6 = 88$
- $30 + 7 = 37$
- $88 + 3 = 91$
- $5 + 65 = 70$
- $80 + 7 = 87$
- $58 + 3 = 61$
- $5 + 45 = 50$
- $2 + 94 = 96$
- $2 + 64 = 66$
- $66 + 9 = 75$
- $26 + 9 = 35$

I SEE A PATTERN:
 $11 + 7 = 18$
 $21 + 7 = 28$
 $31 + 7 = 38$
 $41 + 7 = 48$
 AND SO ON...

