

Try 1-6, then check answers. Learn from mistakes, then try 7-12, etc.

$$1) -8 + 2 = -6$$

$$2) 5 - 7 = -2$$

$$3) -3 - 4 = -7$$

$$4) -5 + 9 = 4$$

$$5) -7 - 5 = -12$$

$$6) 8 - 3 = 5$$

$$7) -4 + 9 = 5$$

$$8) 7 - 10 = -3$$

$$9) -3 - 5 = -8$$

$$10) -2 + 8 = 6$$

$$11) 0 - 3 = -3$$

$$12) -6 + 8 = 2$$

$$13) -1 - 5 = -6$$

$$14) -6 + 10 = 4$$

$$15) -9 + 2 = -7$$

$$16) 3 - 8 = -5$$

$$17) -5 - 6 = -11$$

$$18) -4 + 7 = 3$$

Try 19-22, then check answers. Learn from mistakes, then try 23-26.

$$19) -83 + 27$$

Avoid confusion; **do not** write operation sign or signs for numbers; only the answer needs a sign.

$$20) 73 - 15$$

$$21) -46 - 21$$

$$22) 41 - 97$$

$$23) 35 - 62$$

$$24) -28 + 59$$

$$25) 81 - 73$$

$$26) -39 - 58$$

Try 27-30, then check answers. Learn from mistakes, then try 31-34, etc.

$$27) -9 - (-1)$$

$$28) 4 - (-3)$$

$$29) -2 - (+6)$$

$$30) -8 + (-8)$$

$$31) 9 + (-12)$$

$$32) 7 - (-3)$$

$$33) -8 - (-5)$$

$$34) 4 + (-9)$$

$$35) -5 + (-2)$$

$$36) -6 - (-9)$$

$$37) -2 - (+7)$$

$$38) 4 + (-9)$$

Try four, check, learn, repeat

$$39) -81 - (+26)$$

$$40) -19 - (-72)$$

$$41) 26 - (-59)$$

$$42) -27 + (-48)$$

$$43) -62 - (-35)$$

$$44) 53 + (-28)$$

$$45) -84 - (+67)$$

$$46) 21 + (-74)$$

47a) (On the answer key, I solve this using the order of operations, strictly.)

Add or subtract from left to right (the first two), then bring the rest down, repeat.

$$\begin{array}{r} -7 + 2 - 9 - 4 + 5 \\ \hline -5 - 9 - 4 + 5 \\ \hline -14 - 4 + 5 \\ \hline -18 + 5 \\ \hline -13 \end{array}$$

47b) (Same as 47a, but I solve it the way that I prefer, which is allowed since the result is always the same.)

Add all the negatives, add all the positives, do one subtraction.

$$\begin{array}{r} 7 \\ 9 \\ 4 \\ \hline -20 \end{array} \quad \begin{array}{r} 2 \\ 5 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 20 \\ 7 \\ \hline -13 \end{array}$$

48) $8 - 6 - 9 + 5 - 1 + 2$

$$\begin{array}{r} 6 \\ 9 \\ 7 \\ \hline -22 \end{array} \quad \begin{array}{r} 8 \\ 5 \\ 2 \\ \hline 15 \end{array} \quad \begin{array}{r} 22 \\ 15 \\ \hline -7 \end{array}$$

49) $-3 + 9 + 2 - 5 - 6 + 4$

$$\begin{array}{r} 3 \\ 5 \\ 6 \\ \hline -14 \end{array} \quad \begin{array}{r} 9 \\ 2 \\ 4 \\ \hline 15 \end{array} \quad \begin{array}{r} 15 \\ 14 \\ \hline 1 \end{array}$$

50) $-63 + 52 - 19 - 27 + 39$

$$\begin{array}{r} 63 \\ 19 \\ 27 \\ \hline -109 \end{array} \quad \begin{array}{r} 52 \\ 39 \\ 91 \\ \hline \end{array} \quad \begin{array}{r} 109 \\ 91 \\ \hline -18 \end{array}$$

51) $28 - 73 + 17 + 42 - 85$

$$\begin{array}{r} 73 \\ 85 \\ \hline -158 \end{array} \quad \begin{array}{r} 28 \\ 17 \\ 42 \\ \hline 87 \end{array} \quad \begin{array}{r} 158 \\ 87 \\ \hline -71 \end{array}$$

52) $-4 + (-7) - (-3) + 6 - 8$

$$\begin{array}{r} -4 - 7 + 3 + 6 - 8 \\ \hline 4 \quad 3 \quad 19 \\ 7 \quad 6 \quad 9 \\ 8 \quad 9 \quad \hline -19 \end{array} \quad \begin{array}{r} 19 \\ 9 \\ \hline -10 \end{array}$$

53) $5 - (-8) + (-2) - 4 + (-3)$

$$\begin{array}{r} 5 + 8 - 2 - 4 - 3 \\ \hline 2 \quad 5 \quad 13 \\ 4 \quad 8 \quad 9 \\ 3 \quad 13 \quad \hline -9 \end{array} \quad \begin{array}{r} 13 \\ 9 \\ \hline 4 \end{array}$$

54) $-7 - 6 - (-2) + (-3) - (-5)$

$$\begin{array}{r} -7 - 6 + 2 - 3 - 5 \\ \hline 7 \quad 2 \quad 21 \\ 6 \quad 2 \quad 2 \\ 3 \quad 2 \quad \hline -21 \end{array} \quad \begin{array}{r} 21 \\ 2 \\ \hline -19 \end{array}$$

55) $36 + (-17) + (-28) - (-43) - 12$

$$\begin{array}{r} 36 - 17 - 28 + 43 - 12 \\ \hline 17 \quad 36 \quad 79 \\ 28 \quad 43 \quad 57 \\ 12 \quad 79 \quad \hline -57 \end{array} \quad \begin{array}{r} 79 \\ 57 \\ \hline 22 \end{array}$$

56) $-72 - (-26) + (-61) + 35 + (-24) - 13$

$$\begin{array}{r} -72 + 26 - 61 + 35 - 24 - 13 \\ \hline 72 \quad 26 \quad 170 \\ 61 \quad 35 \quad 61 \\ 24 \quad 61 \quad \hline -170 \end{array} \quad \begin{array}{r} 170 \\ 61 \\ \hline -109 \end{array}$$