

Sample expression evaluation

step-1

$$(((1+2) + ((1+2) - (3+4))) + (5 + (6+7))) = ((18-1) + 0)$$

step-2

$$(((1+2) + ((1+2) - (3+4))) + (5 + (6+7))) = (17 + 0)$$

step-3

$$((3 + ((1+2) - (3+4))) + (5 + (6+7))) = ((18-1) + 0)$$

step-4

$$(((1+2) + ((1+2) - (3+4))) + (5 + 13)) = ((18-1) + 0)$$

step-5

$$(((1+2) + (3 - (3+4))) + (5 + (6+7))) = ((18-1) + 0)$$

step-6

$$(((1+2) + ((1+2) - 7)) + (5 + (6+7))) = ((18-1) + 0)$$

step-7

$$(((1+2) + ((1+2) - (3+4))) + (5 + (6+7))) = 17$$

step-8

$$((3 + ((1+2) - (3+4))) + (5 + (6+7))) = (17 + 0)$$

step-9

$$(((1+2) + ((1+2) - (3+4))) + (5 + 13)) = (17 + 0)$$

step-10

$$(((1+2) + (3 - (3+4))) + (5 + (6+7))) = (17 + 0)$$

step-11

$$(((1+2) + ((1+2) - 7)) + (5 + (6+7))) = (17 + 0)$$

step-12

$$((3 + ((1+2) - (3+4))) + (5 + 13)) = ((18-1) + 0)$$

step-13

$$((3 + (3 - (3+4))) + (5 + (6+7))) = ((18-1) + 0)$$

step-14

$$((3 + ((1+2) - 7)) + (5 + (6+7))) = ((18-1) + 0)$$

step-15

$$(((1+2) + ((1+2) - (3+4))) + 18) = ((18-1) + 0)$$

step-16

$$(((1+2) + (3 - (3+4))) + (5 + 13)) = ((18-1) + 0)$$

step-17

$$(((1+2) + ((1+2) - 7)) + (5 + 13)) = ((18-1) + 0)$$

step-18

$$(((1+2) + (3 - 7)) + (5 + (6+7))) = ((18-1) + 0)$$

step-19

$$((3 + ((1 + 2) - (3 + 4))) + (5 + (6 + 7))) = 17$$

step-20

$$(((1 + 2) + ((1 + 2) - (3 + 4))) + (5 + 13)) = 17$$

step-21

$$(((1 + 2) + (3 - (3 + 4))) + (5 + (6 + 7))) = 17$$

step-22

$$(((1 + 2) + ((1 + 2) - 7)) + (5 + (6 + 7))) = 17$$

step-23

$$((3 + ((1 + 2) - (3 + 4))) + (5 + 13)) = (17 + 0)$$

step-24

$$((3 + (3 - (3 + 4))) + (5 + (6 + 7))) = (17 + 0)$$

step-25

$$((3 + ((1 + 2) - 7)) + (5 + (6 + 7))) = (17 + 0)$$

step-26

$$(((1 + 2) + ((1 + 2) - (3 + 4))) + 18) = (17 + 0)$$

step-27

$$(((1 + 2) + (3 - (3 + 4))) + (5 + 13)) = (17 + 0)$$

step-28

$$(((1 + 2) + ((1 + 2) - 7)) + (5 + 13)) = (17 + 0)$$

step-29

$$(((1 + 2) + (3 - 7)) + (5 + (6 + 7))) = (17 + 0)$$

step-30

$$((3 + ((1 + 2) - (3 + 4))) + 18) = ((18 - 1) + 0)$$

step-31

$$((3 + (3 - (3 + 4))) + (5 + 13)) = ((18 - 1) + 0)$$

step-32

$$((3 + ((1 + 2) - 7)) + (5 + 13)) = ((18 - 1) + 0)$$

step-33

$$((3 + (3 - 7)) + (5 + (6 + 7))) = ((18 - 1) + 0)$$

step-34

$$(((1 + 2) + (3 - (3 + 4))) + 18) = ((18 - 1) + 0)$$

step-35

$$(((1 + 2) + ((1 + 2) - 7)) + 18) = ((18 - 1) + 0)$$

step-36

$$(((1 + 2) + (3 - 7)) + (5 + 13)) = ((18 - 1) + 0)$$

step-37

$$(((1 + 2) + (-4)) + (5 + (6 + 7))) = ((18 - 1) + 0)$$

step-38

$$((3 + ((1 + 2) - (3 + 4))) + (5 + 13)) = 17$$

step-39

$$((3 + (3 - (3 + 4))) + (5 + (6 + 7))) = 17$$

step-40

$$((3 + ((1 + 2) - 7)) + (5 + (6 + 7))) = 17$$

step-41

$$(((1 + 2) + ((1 + 2) - (3 + 4))) + 18) = 17$$

step-42

$$(((1+2)+(3-(3+4)))+(5+13))=17$$

step-43

$$(((1+2)+((1+2)-7))+(5+13))=17$$

step-44

$$(((1+2)+(3-7))+(5+(6+7)))=17$$

step-45

$$((3+((1+2)-(3+4)))+18)=(17+0)$$

step-46

$$((3+(3-(3+4)))+(5+13))=(17+0)$$

step-47

$$((3+((1+2)-7))+(5+13))=(17+0)$$

step-48

$$((3+(3-7))+(5+(6+7)))=(17+0)$$

step-49

$$(((1+2)+(3-(3+4)))+18)=(17+0)$$

step-50

$$(((1+2)+((1+2)-7))+18)=(17+0)$$

step-51

$$(((1+2)+(3-7))+(5+13))=(17+0)$$

step-52

$$(((1+2)+(-4))+(5+(6+7)))=(17+0)$$

step-53

$$((3+(3-(3+4)))+18)=((18-1)+0)$$

step-54

$$((3+((1+2)-7))+18)=((18-1)+0)$$

step-55

$$((3+(3-7))+(5+13))=((18-1)+0)$$

step-56

$$((3+(-4))+(5+(6+7)))=((18-1)+0)$$

step-57

$$(((1+2)+(3-7))+18)=((18-1)+0)$$

step-58

$$(((1+2)+(-4))+(5+13))=((18-1)+0)$$

step-59

$$((3+((1+2)-(3+4)))+18)=17$$

step-60

$$((3+(3-(3+4)))+(5+13))=17$$

step-61

$$((3+((1+2)-7))+(5+13))=17$$

step-62

$$((3+(3-7))+(5+(6+7)))=17$$

step-63

$$(((1+2)+(3-(3+4)))+18)=17$$

step-64

$$(((1+2)+((1+2)-7))+18)=17$$

step-65

$$(((1+2)+(3-7))+(5+13))=17$$

step-66

$$(((1+2)+(-4))+(5+(6+7)))=17$$

step-67

$$((3+(3-(3+4)))+18)=(17+0)$$

step-68

$$((3+((1+2)-7))+18)=(17+0)$$

step-69

$$((3+(3-7))+(5+13))=(17+0)$$

step-70

$$((3+(-4))+(5+(6+7)))=(17+0)$$

step-71

$$(((1+2)+(3-7))+18)=(17+0)$$

step-72

$$(((1+2)+(-4))+(5+13))=(17+0)$$

step-73

$$((3+(3-7))+18)=((18-1)+0)$$

step-74

$$((3+(-4))+(5+13))=((18-1)+0)$$

step-75

$$((-1)+(5+(6+7)))=((18-1)+0)$$

step-76

$$(((1+2)+(-4))+18)=((18-1)+0)$$

step-77

$$((3+(3-(3+4)))+18)=17$$

step-78

$$((3+((1+2)-7))+18)=17$$

step-79

$$((3+(3-7))+(5+13))=17$$

step-80

$$((3+(-4))+(5+(6+7)))=17$$

step-81

$$(((1+2)+(3-7))+18)=17$$

step-82

$$(((1+2)+(-4))+(5+13))=17$$

step-83

$$((3+(3-7))+18)=(17+0)$$

step-84

$$((3+(-4))+(5+13))=(17+0)$$

step-85

$$((-1)+(5+(6+7)))=(17+0)$$

step-86

$$(((1+2)+(-4))+18)=(17+0)$$

step-87

$$((3+(-4))+18)=((18-1)+0)$$

step-88

$$((-1) + (5 + 13)) = ((18 - 1) + 0)$$

step-89

$$((3 + (3 - 7)) + 18) = 17$$

step-90

$$((3 + (-4)) + (5 + 13)) = 17$$

step-91

$$((-1) + (5 + (6 + 7))) = 17$$

step-92

$$(((1 + 2) + (-4)) + 18) = 17$$

step-93

$$((3 + (-4)) + 18) = (17 + 0)$$

step-94

$$((-1) + (5 + 13)) = (17 + 0)$$

step-95

$$((-1) + 18) = ((18 - 1) + 0)$$

step-96

$$((3 + (-4)) + 18) = 17$$

step-97

$$((-1) + (5 + 13)) = 17$$

step-98

$$((-1) + 18) = (17 + 0)$$

step-99

$$17 = ((18 - 1) + 0)$$

step-100

$$((-1) + 18) = 17$$

step-101

$$17 = (17 + 0)$$

step-102

$$17 = 17$$