Answer key

The method: Order of operations with integers

Same order. Track the signs at every step.

$6 \times (-6) - 1 \times (-4) = -36 - (-4) = -32$ both multiplications, then subtract

$1 \times (-4 - (-6)) + 3 = 1 \times 2 + 3 = 2 + 3 = 5$ parentheses, multiply, then add

$(9 + (-4)) \times 7 = 5 \times 7 = 35$ parentheses first

Problems 1 and 2 worked out · Version 0A

$0 - 0^2 + (-3) = 0 - 0 + (-3) = 0 + (-3) = -3$ exponent first

$4 \times (-5) - 2 \times (-3) = -20 - (-6) = -14$ both multiplications, then subtract

Order of operations with integers · Version 0A

1) −3 2) −14 3) −19 4) −37 5) 27 6) 5 7) 57
8) −24 9) −38 10) 42 11) 8 12) 12 13) 44
14) −72 15) 14 16) −2 17) −37 18) 20
19) −65