1 | A PREVIEW OF ALGEBRA

Accel only

In problems 1–23, evaluate.

1 $54 \div 3 - 4 \cdot 2$

2 $16 + 9 \cdot 14 - 60 \div 5$

3 $27 \div 3 + 6 \cdot 5 - 2$

4 $43 + 6 \div 2 + 2(1.5)$

5 $3.05 - 1.6 \cdot (0.25) \cdot 5 - 0.75$

6 $8(13 + 64) - 2(87 \div 3)$

7 $(5.06 - 2.7) \div 4 \cdot 5$

8 $(7.016 + 3.45) \cdot (3 - 6)$

9 $0.76(2.3 + 6.25) + 40 \div 25$

10 $[4^3 + 8(13 - 2)] - (2^2 \cdot 21)$

11 $[6(17 + 3) - 5^2] \div 19$

12 $[9(4 + 3) + 7] - 30 \cdot 4$

13 $-7(26 + 16) \div 10 - 8 \cdot 2^3 - [(12 \cdot 4) \div 16] \cdot 0$

14 $39 - [(6 \div 0.12 - 4.1) \div 3]$

15 $82 + [6(13 - 4) \div 12] - 9^2$

16 $[45 \div (5 + 10) \cdot 2] - [(9 + 6) \div 3]$

17 $\dfrac{(1.31 - 0.29) \cdot 3}{0.6}$

18 $4(16 - 2) + 36 + (6 + 3)$

19 $\{8 [12(10 + 6) - 88] + 168\} \div 125$

20 $15 + \{5 + [(12 \cdot 4) + (16 \cdot 3)] - 3\}$

21 $\{[(16 + 7) \div 4] + 9\} \cdot [(41 + 14) \div 11 + 6]$

22 $[(7 + 3)(18 - 6)] \cdot \{[32 \div (5 + 3)] \div 20\}$

23 $5 \{[15(8^2 - 24) \div 12]\} - 6^3$

1. 10
2. 130
3. 37
4. 49
5. .3
6. 558
7. 2.95
8. -31.398
9. 8.098
10. 68
11. 5
12. -50
13. -93.4
14. 23.7
15. 5.5
16. 1
17. 5.1
18. 101
19. 8
20. 113
21. 162.25
22. 24
23. 34