Order of operations: mixed, with squares and cubes

Year 6. Brackets, then indices (squares and cubes), then × and ÷, then + and -.

Name: _____ Date: _____

1. $16 + 4^2 =$ _____
2. $67 - 8 \times 7 =$ _____
3. $(8 + 34) \div 7 =$ _____
4. $(13 + 5) \div 6 =$ _____
5. $19 + 5 \times 2 =$ _____
6. $70 - 7 \times 6 =$ _____
7. $(28 + 2) \div 6 =$ _____
8. $(10 + 4) \div 7 =$ _____
9. $22 + 6 \times 7 =$ _____
10. $3 \times 8 + 5 \times 4 =$ _____
11. $16 + 24 \div 4 =$ _____
12. $2 \times (5 - 3) =$ _____
13. $6 \times 4 + 2 \times 3 =$ _____
14. $20 + 5 \times 6 =$ _____
15. $2 \times 3 - 4 =$ _____
16. $42 - 8 \times 2 =$ _____
17. $19 + 7 \times 5 =$ _____
18. $2 \times (18 - 9) =$ _____
19. $6 \times (27 - 18) =$ _____
20. $3 + 2^3 =$ _____

Answer key: order of operations: mixed, with squares and cu

Answers to every question on page 1.

1. $16 + 4^2 =$ **32**
2. $67 - 8 \times 7 =$ **11**
3. $(8 + 34) \div 7 =$ **6**
4. $(13 + 5) \div 6 =$ **3**
5. $19 + 5 \times 2 =$ **29**
6. $70 - 7 \times 6 =$ **28**
7. $(28 + 2) \div 6 =$ **5**
8. $(10 + 4) \div 7 =$ **2**
9. $22 + 6 \times 7 =$ **64**
10. $3 \times 8 + 5 \times 4 =$ **44**
11. $16 + 24 \div 4 =$ **22**
12. $2 \times (5 - 3) =$ **4**
13. $6 \times 4 + 2 \times 3 =$ **30**
14. $20 + 5 \times 6 =$ **50**
15. $2 \times 3 - 4 =$ **2**
16. $42 - 8 \times 2 =$ **26**
17. $19 + 7 \times 5 =$ **54**
18. $2 \times (18 - 9) =$ **18**
19. $6 \times (27 - 18) =$ **54**
20. $3 + 2^3 =$ **11**