Order of operations: brackets first

Year 6. Work out the brackets before anything else.

Name: _____ Date: _____

1. 2 × (3 + 4 × 1) = _____
2. 8 × (4 + 6 × 6) = _____
3. 6 × (4 + 6 × 7) = _____
4. 5 × (4 + 4 × 1) = _____
5. 5 × (4 + 5 × 3) = _____
6. 3 × (23 - 13) = _____
7. (49 + 32) ÷ 9 = _____
8. (7 + 17) ÷ 8 = _____
9. (48 + 22) ÷ 7 = _____
10. (12 + 14) × 4 = _____
11. (75 + 6) ÷ 9 = _____
12. (8 + 14) × 5 = _____
13. 6 × (18 - 13) = _____
14. (37 + 3) ÷ 8 = _____
15. (3 + 10) × 2 = _____
16. (4 + 12) × 6 = _____
17. 7 × (5 - 3) = _____
18. (14 + 14) × 6 = _____
19. 3 × (4 + 5 × 7) = _____
20. 2 × (25 - 16) = _____
21. 6 × (17 - 15) = _____
22. 3 × (22 - 19) = _____
23. 3 × (9 - 6) = _____
24. 2 × (4 + 2 × 6) = _____

Answer key: order of operations: brackets first

Answers to every question on page 1.

1. 2 × (3 + 4 × 1) = **14**
2. 8 × (4 + 6 × 6) = **320**
3. 6 × (4 + 6 × 7) = **276**
4. 5 × (4 + 4 × 1) = **40**
5. 5 × (4 + 5 × 3) = **95**
6. 3 × (23 - 13) = **30**
7. (49 + 32) ÷ 9 = **9**
8. (7 + 17) ÷ 8 = **3**
9. (48 + 22) ÷ 7 = **10**
10. (12 + 14) × 4 = **104**
11. (75 + 6) ÷ 9 = **9**
12. (8 + 14) × 5 = **110**
13. 6 × (18 - 13) = **30**
14. (37 + 3) ÷ 8 = **5**
15. (3 + 10) × 2 = **26**
16. (4 + 12) × 6 = **96**
17. 7 × (5 - 3) = **14**
18. (14 + 14) × 6 = **168**
19. 3 × (4 + 5 × 7) = **117**
20. 2 × (25 - 16) = **18**
21. 6 × (17 - 15) = **12**
22. 3 × (22 - 19) = **9**
23. 3 × (9 - 6) = **9**
24. 2 × (4 + 2 × 6) = **32**