# Powers and brackets

Name: _____ Date: _____

Brackets first, then the powers, then the multiplying and dividing, and adding and subtracting last.

1. $3 + (5 + 4) \times 8^2$ = ☐
2. $6 \times (6 + 6) - 3^2$ = ☐
3. $4 + 3 \times (4 + 5^2)$ = ☐
4. $5^2 + 5 - (5 + 9)$ = ☐
5. $5^2 - (2 + 9) + 4$ = ☐
6. $7 + 6^2 \times (2 + 2)$ = ☐
7. $3 + 2 \times (4^2 - 5)$ = ☐
8. $6 \times (2 + 8) - 7^2$ = ☐
9. $7^2 - (2 + 9) \times 4$ = ☐
10. $4 + 2 \times (3 + 4^2)$ = ☐
11. $6 + 2 \times (6^2 + 9)$ = ☐
12. $5 \times (4^2 - 7) - 4$ = ☐

# Answer key: Powers and brackets

Brackets first, then the powers, then the multiplying and dividing, and adding and subtracting last.

1. $3 + (5 + 4) \times 8^2 = 579$
2. $6 \times (6 + 6) - 3^2 = 63$
3. $4 + 3 \times (4 + 5^2) = 91$
4. $5^2 + 5 - (5 + 9) = 16$
5. $5^2 - (2 + 9) + 4 = 18$
6. $7 + 6^2 \times (2 + 2) = 151$
7. $3 + 2 \times (4^2 - 5) = 25$
8. $6 \times (2 + 8) - 7^2 = 11$
9. $7^2 - (2 + 9) \times 4 = 5$
10. $4 + 2 \times (3 + 4^2) = 42$
11. $6 + 2 \times (6^2 + 9) = 96$
12. $5 \times (4^2 - 7) - 4 = 41$