Example: If a = -2, b = -1 and c = 5, find the value of a) 3a b) a - b c) 4c + a

a) 3a = 3 x (-2) = -6
b) a - b = -2 - -1 = -2 +1 = -1
c) 4c + a = 4 x 5 + -2 = 20 - 2 = 18

Find the value of each of the following if a = -2, b = -1 and c = 5.

1. 2a = 2 x (-2) = -4
2. c - b = 5 - -1 = 6
3. 4b = 4 x (-1) = -4
4. a + c = -2 + 5 = 3
5. b - a = -1 - -2 = 1
6. $a^2 = (-2)^2 = 4$
7. $b^2 + 1 = (-1)^2 + 1 = 2$
8. 2a - b = 2 x (-2) - -1 = -3
9. -2b = -2 x (-1) = 2
10. 5a - c = 5 x (-2) - 5 = -15
11. 3b - c = 3 x (-1) – 5 = -8
12. 3c - a = 3 x 5 - -2 = 17
13. a - b - c = -2 - -1 - 5 = -6
14. a + b + c = -2 + -1 + 5 = 2
15. $2a^2 = 2 \times (-2)^2 = 8$
16. $5b^2 - 3 = 5 \times (-1)^2 - 3 = 2$