Equivalent Algebraic Expressions

1) Which of these expressions are not equivalent to 5(3 − 2k)?

   a) 5k + 9   b) 8k c) −10k + 15   d) 15 − 4k − 6k

2) Which of these expressions are equivalent to 4(6q − 5q) + 8?

   a

3) V

   a

4) V

   a

5) Which of these expressions are equivalent to −5t + 3 − 2t + 4?

   a) 13t b) 7 − 6t − t c) 9(2t)   d) 7(1 − t)

6) Which of these expressions are equivalent to 1 + 1 + 1 + w + w + w?

   a) 3(w + 1)   b) 3 + 2w + w c) −8w − 2   d) 3w + 3