Zero Product Property WS

1) What does the Zero Product Property say? How can we use it to solve equations that have been factored?

Solve using the Zero Product Property. Give your answers as integers or as reduced fractions (no decimals).

2) $(x + 4)(x - 7) = 0$

3) $(8a - 7)(8a + 5) = 0$

4) $(7n - 1)(3n + 1) = 0$

5) $(m + 6)(7m + 1) = 0$

6) $(b - 5)(b + 6) = 0$

7) $(b + 1)(b - 4) = 0$

8) $(x + 2)(x + 4) = 0$

9) $(x - 6)(4x + 1) = 0$

10) $(6p + 7)(p + 8) = 0$

11) $(b + 8)(b - 3) = 0$