If $a \cdot b = 0$, what must be true?

Solve. (pg 232)

1) $(y + 5)(y - 7) = 0$

3) $15n\,(n + 15) = 0$

7) $3x\,(2x + 1)(2x + 5) = 0$

9) $y^2 - 3y + 2 = 0$

13) $m^2 - 36 = 16m$

17) $y^2 = 16y$

Assignment:
pg 232.
2-48 even

19) $4x^2 - 9 = 0$

43) $(z + 1)(z - 5) = 16$