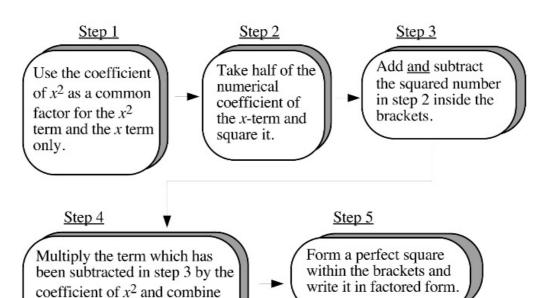
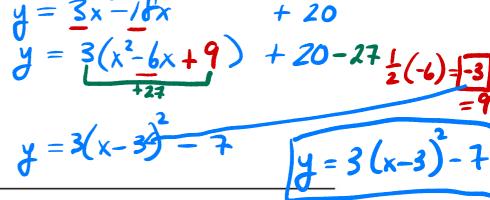
Writing $f(x) = ax^2 + bx + c$ in Standard Form by Completing the Square





Convert $f(x) = 3x^2 - 18x + 20$ to standard form by completing the square. Determine whether the graph of the function f has a maximum or minimum value and state the value.





Class Ex. #4

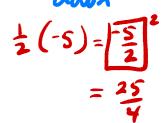
Convert $y = 7 + 10x - 2x^2$ to standard form by completing the square. In what direction does the parabola open? What are the coordinates of the vertex of the parabola?

$$y = -2x + 10x + 7$$

$$y = -2x^{2} + 10x + 7$$

$$y = -2(x^{2} - 5x + 7) + 7 + 25$$

$$-25/2$$



Complete Assignment Questions #5 - #9

with the constant term.

Copyright p Absolute Value Publications. This book is NOT covered by the Cancopy agreement.

