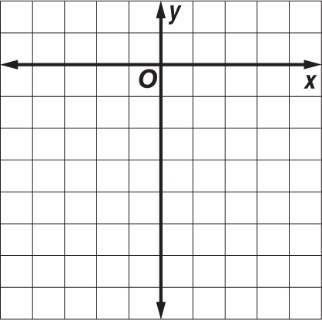
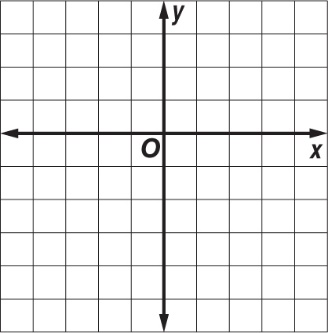
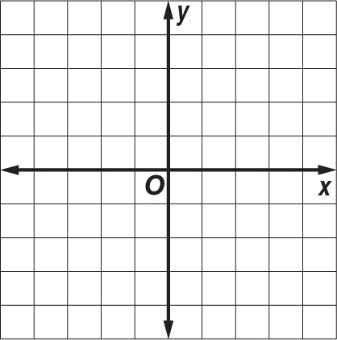
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quadratics Graphing Review

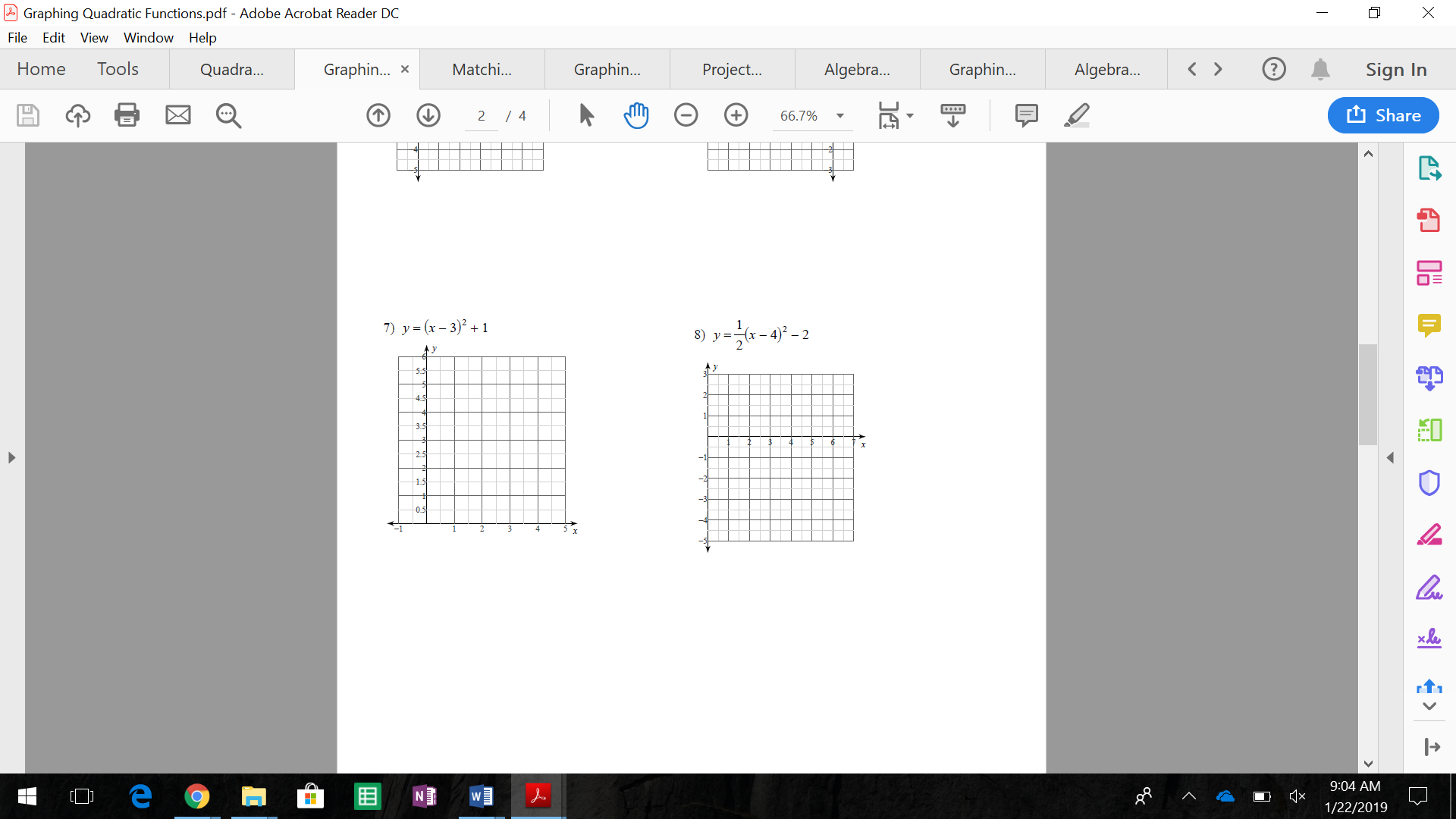
**Use a table of values to graph each function. State the domain and the range.**

**1.** *y* = – 4 **2.** *y* = – + 3 **3.** *y* = – 2*x* – 6

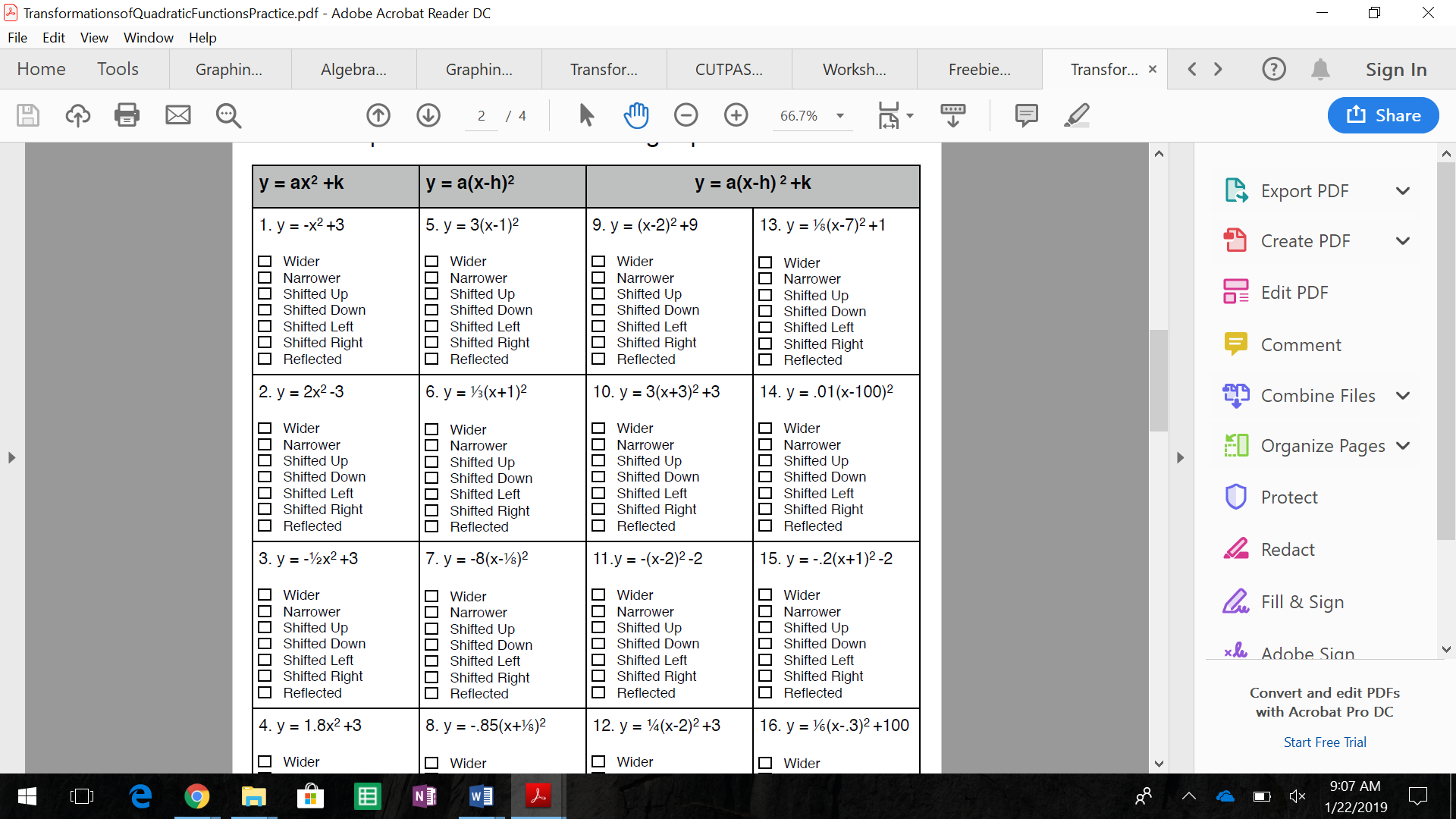


**Find the vertex, the equation of the axis of symmetry, and the *y*–intercept of the graph of each function.**

**4.** *y* = 2 – 8*x* + 6 **5.** *y* = + 4*x* + 6 **6.** *y* = –3 – 12*x* + 3

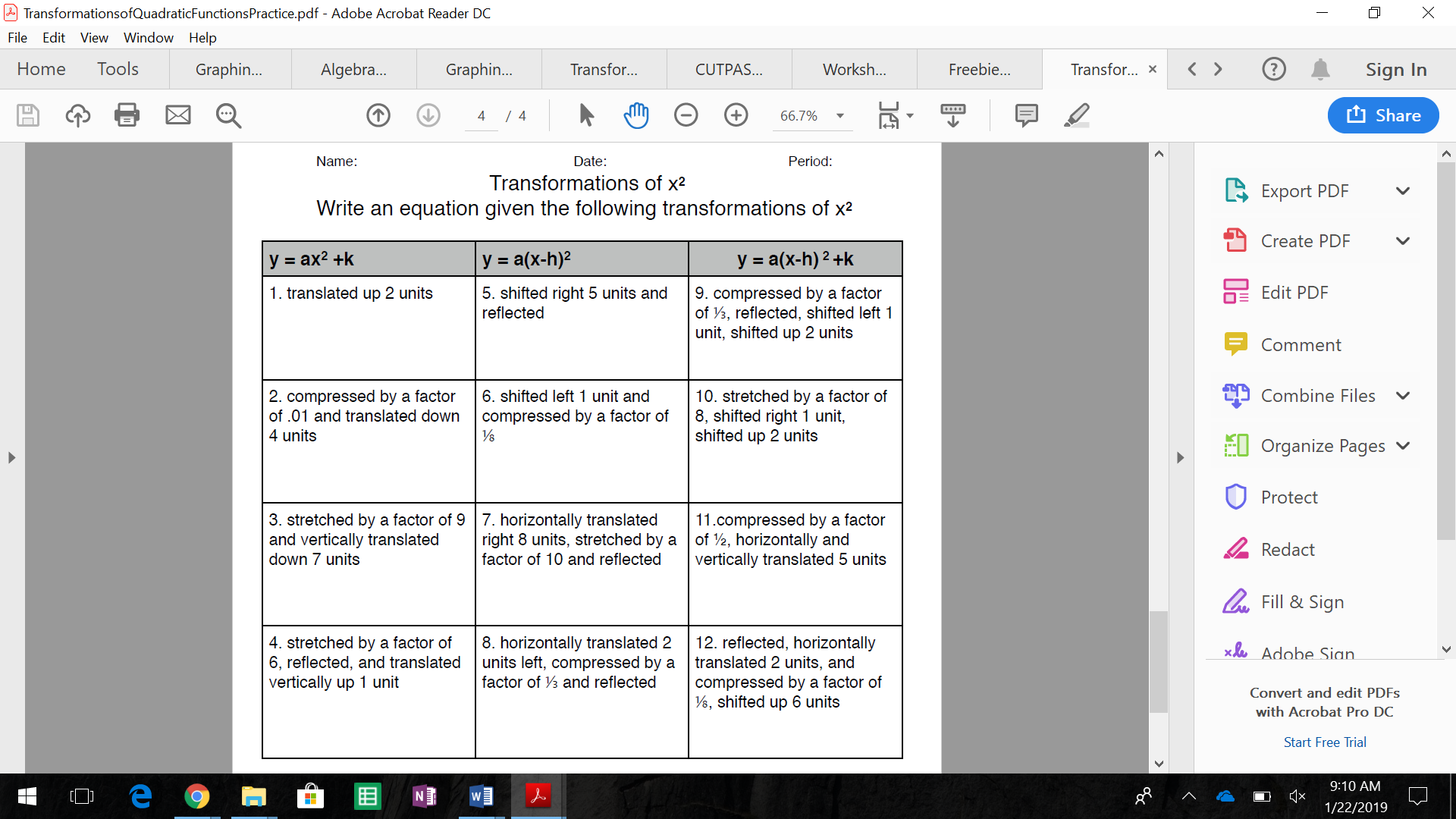
**Use a table of values to graph each function. State the domain and the range, the minimum and the maximum in interval notation form.**

**In 9-15, check the transformations that have occurred in each function.**



**In the following problems, write an equation that shows the appropriate transformations from the description.**

|  |
| --- |
| **Write the new equations below:** |
|  |
|  |
|  |
|  |



**Write the equation for the parabola in vertex form.**

20. 21.

**Write in standard form.**

1. 23.

**Convert to vertex form algebraically and then check graphically.**

1. 25.

