

No calculators are allowed on this quiz. Please read each question carefully, follow directions and clearly mark your solutions. **Show your work for full credit.**

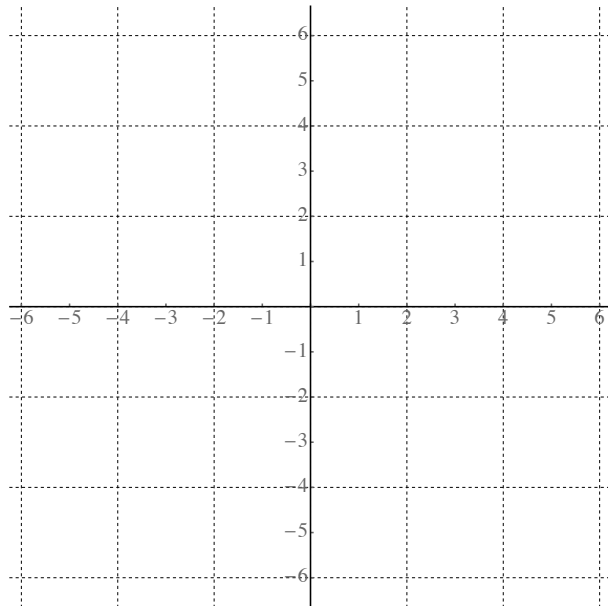
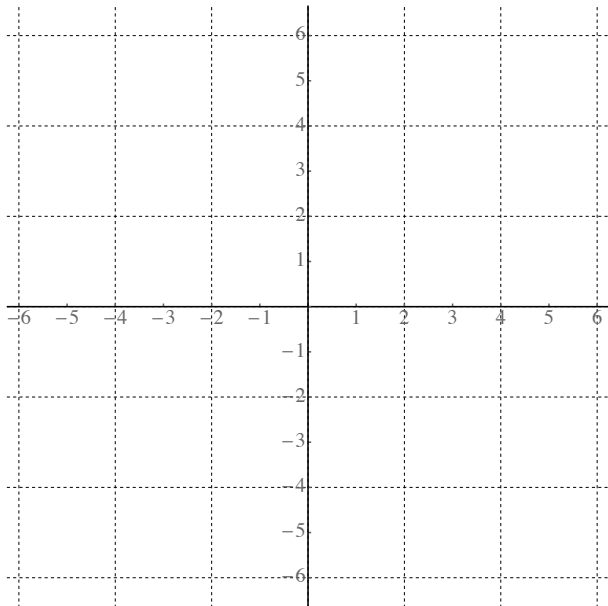
- Graph $y = 2\sqrt{-x + 1}$ using transformations. Start with the graph of a basic function – **plot accurately as least three points** and use them to perform transformations. Do one transformation at a time. Name the transformation and write the equation of the resulting function.

(i) Basic function:

(ii) transformation:

y=

y=



(iii) transformation:

(iv) transformation:

y=

y=

