MATH IN MOTION - TEACHER EDITION

Given the following graph, answer the questions with a partner.



| **Question** | **Answer** | **Vocabulary word** |
| --- | --- | --- |
| **Which way is the u-shape opening? (up or down)** | *Down* | *Direction* |
| **Where is the highest part of the shape? Mark this on the graph with a point.** | *(1,4)* | *Minimum or Maximum* |
| **What are the x-intercepts of the shape?** | *(0.5, 0) (1.5, 0)* | *Intercepting points* |
| **Where is the line of symmetry on the shape?** | *Draw the line of symmetry directly on the graph* | *Axis of Symmetry* |
| **Does this graph show a linear function?** | *No* | *Quadratic(Parabola)* |