

Name: _____

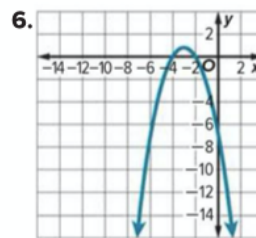
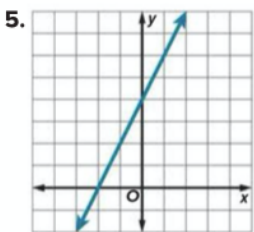
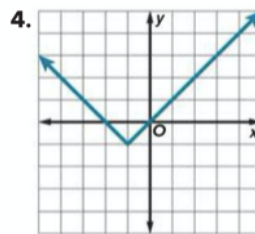
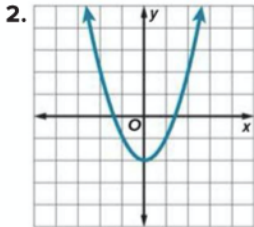
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HW # 17: Algebra 1 - Standard 10 - Intercepts of Graphs

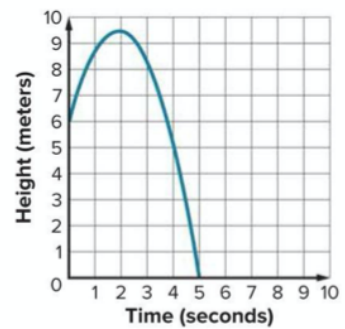
5 points

Use the graph to estimate the x - and y -intercepts of the function and describe where the function is positive and negative.

Show work needed to justify your answer.



10. **FOOTBALL** The graph shows the height of a football after being kicked. Use the graph to estimate the x - and y -intercepts of the function, where the function is positive and negative, and interpret the meanings in the context of the situation.



13. **MONEY** Javier borrowed \$1950 from his parents. Each month he repaid his parents \$325. The table shows the function relating Javier's remaining balance to the number of months.

- Find the intercepts.
- Describe what the intercepts mean in the context of the situation.

Time (months)	Remaining Balance (\$)
x	y
0	1950
2	1300
5	325
6	0