DIGITAL



Module 14 Lesson 3

Additional Practice

DIGITAL

- 3. The height of an object being dropped is modeled by the equation h = -16t² + k, where h is the height of the object in feet; t is time in seconds; and k is the initial height in feet. A pebble is dropped from an initial height of 144 feet. Answer the following questions:
 - **a.** Graph the equation to model the height of the pebble dropped over time.



b. About how long will it take for the pebble to reach a height of zero?



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