

Independent Practice

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- 1 A go-kart's top speed is 607,200 feet per hour. What is the speed in miles per hour?

(Examples 1 and 2)

2. The fastest a human has ever run is 27 miles per hour. How many miles per minute did the human run? (Example 3)

- 3 A peregrine falcon can fly 322 kilometers per hour. How many meters per hour can the falcon fly? (Example 3)



4. A pipe is leaking at 1.5 cups per day. About how many gallons per week is the pipe leaking? (**Hint:** 1 gallon = 16 cups) (Example 4)

5. Charlie runs at a speed of 3 yards per second. About how many miles per hour does Charlie run? (Example 4)

6. **MP Model with Mathematics** Refer to the graphic novel frame below. Seth traveled 1 mile in 57.1 seconds. About how fast does Seth travel in miles per hour?

