Whirling Wonder
How fast, in rotations per minute, do Ingenuity’s blades spin?

1. Convert radians to rotations per minute (1 rotation = \(2\pi\) radians).
   
   
   \[(250 \text{ rad / sec}) \cdot (60 \text{ sec / 1 min}) \cdot (1 \text{ rotation / } 2\pi \text{ radians})\]
   
   \[\approx 2,400 \text{ rpm}\]

How does that compare to a typical helicopter on Earth?

1. Divide Ingenuity rotations per minute by Earth helicopter rotations per minute.
   
   \[2,400 \text{ rpm} / 500 \text{ rpm} = 4.8\]

   Ingenuity’s blades spin \(\sim 5\) times faster