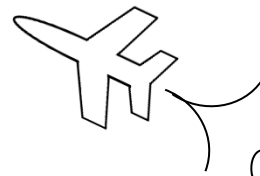




Math on the Fly!



NAME: _____ DATE: _____

Measurement, Rates and Conversions

Fill in the blank to complete each conversion.

1. 210 seconds = _____ minutes
2. 4 hours = _____ seconds
3. 96 ounces = _____ pounds
4. 15 yards = _____ feet
5. 7500 meters = _____ kilometers
6. 1 square yard = _____ square feet
7. 1 square foot = _____ square inches

Fill in the blank to complete each rate.

8. 72 meters per day = _____ centimeters per hour
9. 45 feet per minute = _____ inches per second
10. 10 miles per hour = _____ feet per minute
(Note: 1 mile = 5,280 feet)

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SOLUTIONS

1. 3.5 or 3 $\frac{1}{2}$ minutes

2. 14,400 seconds

3. 6 pounds

4. 45 feet

5. 7.5 or 7 $\frac{1}{2}$ kilometers

6. 9 square feet 1 yd $\begin{array}{|c|} \hline \square \\ \hline \end{array}$ \Rightarrow 3 ft $\begin{array}{|c|} \hline \square \\ \hline \end{array}$
1 yd 3 ft

7. 144 square inches 1 ft $\begin{array}{|c|} \hline \square \\ \hline \end{array}$ \Rightarrow 12 in $\begin{array}{|c|} \hline \square \\ \hline \end{array}$
1 ft 12 in

8. 300 centimeters per hour

9. 9 inches per second

10. 880 feet per minute