



HIGH-FLYING FUN WITH...

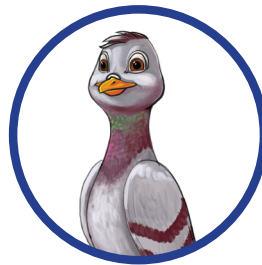
FLIGHT TIMES



COACH QUILL SAYS:

During a pigeon race, the first bird home isn't always the winner. That's because one team's loft may be closer to the starting point than another's. To keep things fair, each bird's arrival time is calculated into **yards per minute (YPM)** to figure out who was fastest.

Learn How to Calculate Yards Per Minute (YPM)



Race Results for Ace:

Distance flown: 60 miles
Flight time: 3,780 seconds

Step 1: Calculate total yards flown.

To calculate how many yards the racing pigeon flew, you have to take the number of miles flown and multiply it by the number of yards in a mile. (Helpful hint: there are 1,760 yards in a mile.)

$$\begin{array}{r} 60 \text{ miles} \\ \times 1,760 \text{ yards/mile} \\ \hline 105,600 \text{ yards} \end{array}$$

Step 2: Calculate total minutes flown.

To calculate how many minutes it took the racing pigeon to finish the race, you have to take the number of seconds flown and divide it by the number of seconds in a minute. (Helpful hint: there are 60 seconds in a minute.)

$$\begin{array}{r} 3,780 \text{ seconds} \\ 60 \text{ seconds/minute} \\ \hline = 63 \text{ minutes} \end{array}$$

Step 3: Calculate yards per minute.

Now that you know the number of yards flown and the number of minutes it took, you can calculate yards per minute by dividing distance by time.

$$\begin{array}{r} 105,600 \text{ yards} \\ 63 \text{ minutes} \\ \hline = 1,676.19 \text{ yards per minute} \end{array}$$

For more high-flying fun, visit: TeamHighFlyers.com



HIGH-FLYING FUN WITH...

FLIGHT TIMES

Who won the race?

Find out who won today's race by calculating each racer's arrival time in yards per minute. The racer with the fastest speed wins!



Racer 1: Skyla

Distance flown: 102 miles
Flight time: 5,700 seconds

Step 1: Calculate total yards flown.

Step 2: Calculate total minutes flown.

Step 3: Calculate yards per minute.



Racer 2: Miles

Distance flown: 115 miles
Flight time: 5,100 seconds

Step 1: Calculate total yards flown.

Step 2: Calculate total minutes flown.

Step 3: Calculate yards per minute.



Racer 3: Rocket

Distance flown: 95 miles
Flight time: 4,320 seconds

Step 1: Calculate total yards flown.

Step 2: Calculate total minutes flown.

Step 3: Calculate yards per minute.

THE WINNER IS: _____

For more high-flying fun, visit: TeamHighFlyers.com



HIGH-FLYING FUN WITH...

FLIGHT TIMES

ANSWER KEY

Who won the race?

Find out who won today's race by calculating each racer's arrival time in yards per minute. The racer with the fastest speed wins!



Racer 1: Skyla

Distance flown: 102 miles
Flight time: 5,700 seconds

Step 1: Calculate total yards flown.

$$\begin{array}{r} 102 \text{ miles} \\ \times 1,760 \text{ yards/mile} \\ \hline 179,520 \text{ yards} \end{array}$$

Step 2: Calculate total minutes flown.

$$\begin{array}{r} 5,700 \text{ seconds} \\ 60 \text{ seconds/minute} \\ \hline = 95 \text{ minutes} \end{array}$$

Step 3: Calculate yards per minute.

$$\begin{array}{r} 179,520 \text{ yards} \\ 95 \text{ minutes} \\ \hline = 1889.68 \text{ yards per minute} \end{array}$$



Racer 2: Miles

Distance flown: 115 miles
Flight time: 5,100 seconds

Step 1: Calculate total yards flown.

$$\begin{array}{r} 115 \text{ miles} \\ \times 1,760 \text{ yards/mile} \\ \hline 202,400 \text{ yards} \end{array}$$

Step 2: Calculate total minutes flown.

$$\begin{array}{r} 5,100 \text{ seconds} \\ 60 \text{ seconds/minute} \\ \hline = 85 \text{ minutes} \end{array}$$

Step 3: Calculate yards per minute.

$$\begin{array}{r} 202,400 \text{ yards} \\ 85 \text{ minutes} \\ \hline = 2,381.18 \text{ yards per minute} \end{array}$$



Racer 3: Rocket

Distance flown: 95 miles
Flight time: 4,320 seconds

Step 1: Calculate total yards flown.

$$\begin{array}{r} 95 \text{ miles} \\ \times 1,760 \text{ yards/mile} \\ \hline 167,200 \text{ yards} \end{array}$$

Step 2: Calculate total minutes flown.

$$\begin{array}{r} 4,320 \text{ seconds} \\ 60 \text{ seconds/minute} \\ \hline = 72 \text{ minutes} \end{array}$$

Step 3: Calculate yards per minute.

$$\begin{array}{r} 167,200 \text{ yards} \\ 72 \text{ minutes} \\ \hline = 2,322.22 \text{ yards per minute} \end{array}$$

THE WINNER IS: Miles

For more high-flying fun, visit: TeamHighFlyers.com