

# Long-Distance Cricket Spitting



Yes! People spit crickets for fun and sport! At a three-day insect celebration during the annual Bug Bowl, competitors see who can spit dead crickets the farthest. The record belongs to Danny Caps, who projected a cricket 32 feet,  $\frac{1}{2}$  inch.

**Here is some cricket-spitting data from a competition. Use the information for the problems below.**

Cricket - Spitting Data

competitor's name	distance in feet
<i>Lance</i>	<i>22.03</i>
<i>Fran</i>	<i>16.15</i>
<i>Sam</i>	<i>11.001</i>
<i>Van</i>	<i>25.4</i>
<i>Stan</i>	<i>31.05</i>
<i>Pam</i>	<i>106.10</i>

1. What is the difference between Lance's distance and Sam's? \_\_\_\_\_
2. Stan's distance shown here is 6.11 times his first try. What was his first distance? \_\_\_\_\_
3. What is the total of all the distances shown? \_\_\_\_\_
4. On this day, Fran's distance was 6.09 feet less than her best try. What was her best try? \_\_\_\_\_
5. Alas! Pam's cricket was not dead after all! The distance shown is so great because, after Pam spit the cricket, it hopped five times farther than her spitting difference! What was her spitting distance? \_\_\_\_\_
6. How much farther did Pam's cricket travel than Van's? \_\_\_\_\_
7. The next day, Lance spit a cricket 13.904 feet more than the distance shown above. What was that new distance? \_\_\_\_\_
8. Because Pam's cricket was alive, she had to take a second try (with a different, certifiably dead cricket). This distance was 30.675 ft. What is the difference between this and the distance on the data table? \_\_\_\_\_

Name: \_\_\_\_\_


Date: \_\_\_\_\_


Class: \_\_\_\_\_


## LONG-DISTANCE CRICKET SPITTING, continued

Follow each cricket to a problem. Solve the problem. Write a sentence or phrase telling what you did to solve it.


A   $100.001 \times 0.3 =$


B   $90.005 \div 5 =$

C  
$$\begin{array}{r} 0.222 \\ \times 4.4 \\ \hline \end{array}$$


D   $0.36 + 0.05 + 0.012 =$

E  
$$\begin{array}{r} 2.212 \\ \times 0.003 \\ \hline \end{array}$$

F   $600 \div 0.05 =$

G  twice the sum of  
10.2 and 15.02

H  twelve hundredths  
less than 25

I  difference between  
8.036 and 9.107