1. Tina rode her bike $12\frac{1}{4}$ miles in $1\frac{1}{2}$ hours. What was Tina's average speed while riding her bike?

A $6\frac{1}{8}$ miles per hour

B $8\frac{1}{6}$ miles per hour

C $10\frac{3}{4}$ miles per hour

D $18\frac{3}{8}$ miles per hour

2. Suki typed 245 words in $3\frac{1}{2}$ minutes. What is Suki's typing rate?

A   86 words per minute

B   82 words per minute

C   70 words per minute

D   30 words per minute

3. In a fireplace, about $\frac{3}{4}$ of an 18-inch log will burn in $\frac{1}{3}$ of an hour. How many hours will it take to burn $2\frac{1}{2}$ logs?

A $\frac{3}{4}$ of an hour

B $\frac{9}{10}$ of an hour

C $1\frac{1}{9}$ of an hour

D $2\frac{1}{4}$ of an hour

4. Jason ran a $3\frac{1}{2}$ mile race in $\frac{3}{8}$ of an hour. What was Jason's speed in miles per hour?

A $1\frac{5}{16}$ miles per hour

B $3\frac{1}{8}$ miles per hour

C $3\frac{7}{8}$ miles per hour

D $9\frac{1}{3}$ miles per hour

5. It took Melanie $\frac{1}{3}$ of an hour to ride her bike $2\frac{3}{4}$ of a mile. How many miles per hour can Melanie ride her bike?

A $8\frac{1}{4}$ **B** $3\frac{1}{12}$ **C** $6\frac{3}{4}$ **D** $16\frac{1}{2}$

6. Jane put a 12-in. tall bucket under a leak in her sink. The bucket fills at a constant rate of $\frac{1}{2}$ in. every $\frac{1}{6}$ of an hour. How many hours will it take to fill the bucket?

A $\frac{1}{12}$ **B** $\frac{2}{3}$ **C**   3   **D**   4

7. Marie can make $\frac{1}{8}$ quart of orange juice in $\frac{3}{4}$ of a minute by squeezing oranges. At this rate, how much juice can she make in 1 minute?

A $\frac{3}{32}$ quart   **B** $\frac{1}{6}$ quart   **C** $\frac{1}{2}$ quart   **D** $\frac{6}{1}$ quarts

8. Terry bought $2\frac{1}{2}$ dozen chocolate chip cookies. She paid $15 for her purchase. What was the cost per cookie?

A $0.17   **B** $0.50   **C** $0.83   **D** $1.25

9. A cookie recipe requires $\frac{2}{3}$ cup of sugar for $\frac{1}{3}$ batch of cookies. How much sugar is needed for 1 batch of cookies?

A $\frac{2}{9}$ cup   **B**   1 cup   **C** $1\frac{1}{3}$ cups   **D**   2 cups