Name: _____ Class: _____

1. Susan walked $1\frac{2}{3}$ miles in $1\frac{1}{4}$ hours. How many miles can Susan walk in 1 hour?

A $\frac{2}{5}$ **B** 1 **C** $1\frac{1}{3}$ **D** 2

2. Jamal runs for a track team. He ran $2\frac{1}{10}$ miles in $\frac{1}{3}$ of an hour. What was Jamal's rate of speed?

A $1\frac{1}{30}$ miles per hour

B $2\frac{1}{7}$ miles per hour

C $3\frac{1}{13}$ miles per hour

D $6\frac{3}{10}$ miles per hour

3. It took John $1\frac{1}{2}$ hours to ride his bicycle $5\frac{1}{2}$ miles. What was John's speed on his bicycle?

A $\frac{1}{3}$ mile per hour

B $1\frac{1}{2}$ miles per hour

C $3\frac{2}{3}$ miles per hour

D $8\frac{1}{4}$ miles per hour

4. During the week, Phillip walked his dog $7\frac{7}{8}$ miles in $3\frac{1}{2}$ hours. What was Phillip's average walking rate?

A $2\frac{1}{4}$ miles per hour

B $4\frac{3}{8}$ miles per hour

C $8\frac{3}{4}$ miles per hour

D $11\frac{3}{8}$ miles per hour

5. Edward can run $\frac{1}{2}$ mile in 300 seconds. What is Edward's unit rate?

A $\frac{1}{10}$ mile per minute

B $\frac{2}{5}$ mile per minute

C $2\frac{1}{2}$ miles per minute

D 10 miles per minute

6. A hiker climbs a 5-mile trail up a mountain in 2 hours. On the return trip downhill, she walks the same trail and returns to her starting point in 1 hour. What was her average rate of speed, in miles per hour, for the entire trip?

A $\frac{3}{5}$ **B** $1\frac{2}{3}$ **C** $3\frac{1}{3}$ **D** $3\frac{1}{2}$

7. On a bike trip, Erika rides 5 miles in the first 30 minutes and 13 miles in the next hour. What is her average rate of speed?

A 9 miles per hour

B 10 miles per hour

C 11 miles per hour

D 12 miles per hour

8. If a snail can move $\frac{3}{10}$ of a meter every $\frac{1}{12}$ hour, what is the speed of the snail, in meters per hour?

A $\frac{1}{40}$

B $\frac{5}{18}$

C $1\frac{1}{3}$

D $3\frac{3}{5}$

9. Matthew drove $15\frac{1}{2}$ miles in $\frac{1}{4}$ hour. What was Matthew's average speed?

A 60 miles per hour

B 62 miles per hour

C 90 miles per hour

D 124 miles per hour

10. Isaac walks $\frac{6}{10}$ of a mile in $\frac{1}{5}$ of an hour. If Isaac's walking rate remains constant, what is Isaac's walking rate in miles per hour?

A 3 miles per hour

B 4 miles per hour

C 5 miles per hour

D 6 miles per hour

11. It took a train $2\frac{3}{5}$ hours to travel $87\frac{1}{10}$ miles. What was the train's average rate of speed?

A $29\frac{3}{5}$ miles per hour

B $33\frac{1}{2}$ miles per hour

C $37\frac{9}{10}$ miles per hour

D $43\frac{1}{2}$ miles per hour

12. Tony walked $3\frac{1}{2}$ miles in $\frac{7}{8}$ of an hour. At this rate, how many miles can Tony walk in one hour?

A $\frac{1}{4}$

B $2\frac{5}{8}$

C $3\frac{1}{16}$

D 4