The unit rate is 5 to 1. Which of the following scenarios match this unit rate?

(SIMPLIFY EACH TO SEE IF THE UNIT RATE MATCHES 5 to 1)

7.) Sam swam 30 laps in 5 minutes $\frac{30 \div 5}{5 \div 5} = \frac{6}{1}$ Yes   or   (No)

$\frac{25 \div 5}{5 \div 5} = \frac{5}{1}$ 8.) John paid \$25 for 5 books   (Yes)   or   No

9.) Adam arranged 20 red marbles to every 8 blue   Yes   or   (No) $\frac{20 \div 8}{8 \div 8} = \frac{2.5}{1}$

10.) Laura delivered 30 newspapers in 6 minutes   Yes   or   No

$\frac{30 \div 6}{6 \div 6} = \frac{5}{1}$

Which are the correct unit rates for the given scenario?

(DOES THE FIRST PART MATCH THE "PER UNIT RATE?")

11.) Sally paid \$50 for 2 dresses for a $\frac{50 \div 2}{2 \div 2} = \frac{25}{1}$

rate of **\$25 per dress**.   (Yes)   or   No

12.) Mohamad drove 540 miles in 8 hours for a

rate of **70 miles per hour**. $\frac{540 \div 8}{8 \div 8} = \frac{67.5}{1}$ Yes   or   (No)

13.) Joe ran 15 miles in 75 minutes for a

rate of $\frac{1}{5}$ mile per minute. $\frac{15 \div 15}{75 \div 15} = \frac{1}{5}$ (Yes)   or   No

14.) Mike earned \$50.25 for 6 hours of work for a

rate of **\$8.00 per hour**.   Yes   or   (No)

$\frac{50.25 \div 6}{6 \div 6} = \frac{8.38}{1}$