**Part A: Determine whether the given quantities express a mere RATIO or a RATE.**

RATIO

1. 5 for every 9

RATE

1. 100 miles for every 4 hours



RATE

1. 40 for every $20

**Part B: Express the following rates in lowest form.**

1. 50 dollars every 2 hours.

Solution:

50 dollars : 2 hours 25 dollars : 1 hour

1. 30 dollars every 10 boxes

Solution:

30 dollars : 10 boxes 3 dollars : 1 box