

Master 2.18

Extra Practice 5

Section 2.5: What Is a Rate?

1. Express as a unit rate.
 - a) The bus travelled 80 km in 2 h.
 - b) Marco's heart beat 35 times in 30 s.
 - c) Inga walked 12 km in 4 h.
2. Sal earns \$24 in 3 h.
Josh earns \$13 in 2 h.
Komal earns \$44 in 4 h.
 - a) Who makes the most money per hour?
 - b) How much will the person who earns the most money per hour earn in 8 h?
3. Fran bought 3 cans of soup for \$1.45.
At this rate, how much will 6 cans cost?
4. James read 48 pages in 90 min.
How many pages could he read in 5 h?
5.
 - a) A car travels at an average speed of 50 km/h.
How long will it take to travel 200 km?
 - b) A car travels at an average speed of 40 km/h.
Will it take more or less time to travel 200 km?
6.
 - a) Tyson can type 49 words per minute.
About how long will he take him to type a 1000-word essay?
 - b) Taylor typed 1000 words in half an hour.
At about what rate was she typing?