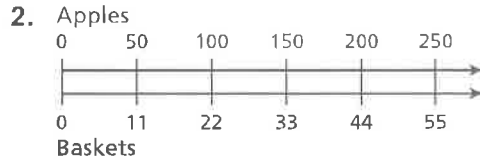
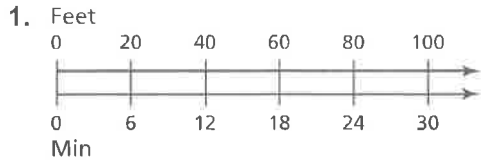


5.3 Practice B

Write a rate that represents the situation.



Write a unit rate for the situation.

- 3. 6 kittens in 3 boxes
- 4. \$96 for 16 hours of work
- 5. 72 biscuits from 9 batches
- 6. 1800 revolutions in 50 seconds

Decide whether the rates are equivalent.

- 7. 35 kilometer in 25 minutes,
14 kilometers in 10 minutes
- 8. 25 minutes for \$3,
1 hour for \$6
- 9. An aquarium is leaking water at a rate of three quarts per day. How many fluid ounces of water is this each hour?
- 10. A glacier flows at a rate of 20 meters per day. What is the flow rate in kilometers per year?
- 11. A teacher keeps track of how many books are read by students in each class. Which grade has read a higher rate of books per student? How many more books does the other grade need to read to have the same rate?

	Grade 6		Grade 7	
	Class A	Class B	Class C	Class D
Students	25	31	21	23
Books Read	181	155	116	126

- 12. Charles Lindbergh made the first solo airplane flight from New York to Paris. His flight covered about 3610 miles in 33.5 hours.
 - a. Find the unit rate in miles per hour.
 - b. Find the unit rate in hours per mile.
 - c. Which is a better description of Lindbergh's rate, *about two miles per minute* or *about two minutes per mile*? Explain your reasoning.