

It's a Matter of Rates

1. Terry can run 4 laps in 12 minutes. Susan can run 3 laps in 9 minutes. Who is the faster runner?
2. Jack and Jill were picking strawberries at the Pick Your Own Berry Patch. Jack “sampled” 5 berries every 25 minutes. Jill ate 3 berries every 10 minutes. If they both pick at about the same speed, who will bring home more berries?
3. Some of the hens in Farmer Brown’s chicken farm lay brown eggs and the others lay white eggs. Farmer Brown noticed that in the large hen house he collected about 4 brown eggs for every 10 white ones. In the smaller hen house the ratio of brown to white was 1 to 3. In which hen house do the hens lay more brown eggs?
4. The Talks-a-Lot Phone Company charges 70¢ for every 15 minutes. Reaching Out Phone Company charges \$1.00 for 20 minutes. Which company is offering the cheaper rate?

It's a matter of rates—65