

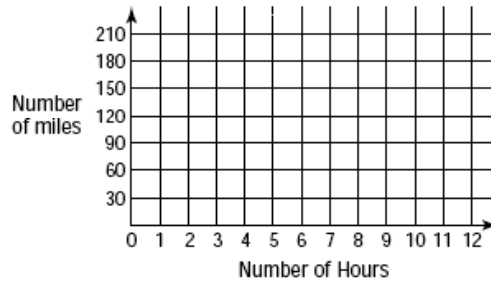
8-5 Practice

Problem-Solving Strategy: Draw a Graph

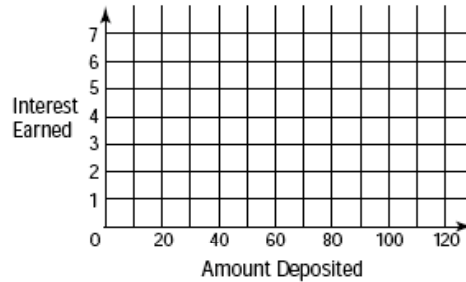
Student Edition
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Use a graph to solve each problem. Assume that the rate is constant in each problem.

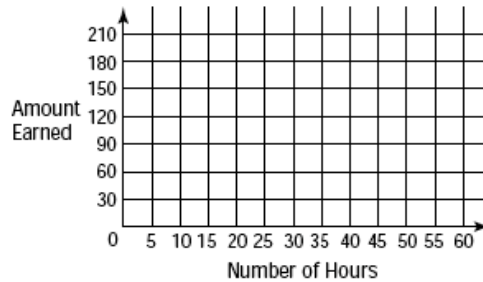
1. Mr. McCarthy drives at a constant rate for 5 hours. After 2 hours, he has driven 90 miles. After 4 hours, he has driven 180 miles. How many miles does he drive in 5 hours?



2. The interest Mei earned on \$80 was \$4. If she had deposited \$100, she would have earned \$5. How much would she earn for \$120?



3. Larry earned \$150 for working $37\frac{1}{2}$ hours. He would have earned \$160 if he had worked $2\frac{1}{2}$ hours more. What is Larry paid per hour? How much will he earn if he works 30 hours?



4. During a storewide sale, a TV that usually sells for \$450 is on sale for \$360. A stereo that usually sells for \$600 is on sale for \$480. What would the sale price be on a VCR that usually sells for \$500?

