The Professional School of Business

1. Find the area of the following diagram.
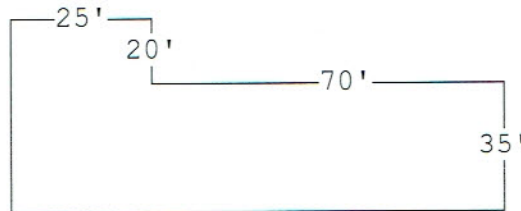
2. What is the cost to carpet a room that measures 12 feet by 18 feet if the carpet costs $23. per square yard?

3. The excavation for a basement requires a hole measuring 30' x 45' x 9'. How many cubic feet of dirt must be removed?

4. The annual appreciation of a property is estimated to be 4% over the previous year's value. If the property is purchased today for $147,000. how much will it be worth 3 years from today?

5. A property has increased in value 5% per year for each of the past four years to its present value of $198,000. What was its value four years ago?

6. A property has decreased in value 3% per year for each of the past three years to its present value of $174,000. What was its value three years ago.

7. Find the missing element in each of the following sales.

	Sale Price	Commission Rate	Commission
A.	$237,000.	6%	?
B.	$196,000.	?	$9,800.
C.	?	4.5%	$17,370.

8. A broker earned a commission of $10,050. on a recent sale. If she charged a commission rate of 6% on the first $150,000. and 7% for any amount over $150,000., how much did the property sell for?

9. After paying the broker's fee of 6% of the sale price and other selling expenses of $1,000., the seller was left with $135,206. What did the property sell for?

10. A closing is to take place on August 15 of the current year. The seller has paid the annual taxes of $4,250. in full. The annual sewer charge of $240. has not been paid. What is the adjustment at closing?