INDEPENDENT PRACTICE

Lesson 2 – Word Problems

**Use the SOLVE method to analyze and set up a plan to solve the following word problems. Use the extra space provided to use the strategy you think is best for solving each problem (draw a picture, make a chart, work backwards, make a list, write an equation, etc).**

1. Patients wee the dentist most during the summer months. Dr. Brown has a total of 13,576 patient files. If he see 8,768 of these patients during the summer, how many remain to be contacted for an appointment?

2. The radiology lab ordered 15 jackets for its staff. The jackets cost approximately $35 each. What is the estimated cost of this order?

3. Room rates vary by the services provided. At the local hospital, intensive care unit (ICU) rooms are $784 a day. Bob’s overall room charge was $10,192. How many days was Bob in ICU?

4. A licensed practical nurse gives 1,800 milligrams of a penicillin-type drug over a 36-hour period. If the dosage occurs every 6 hours, how many milligrams are in each dose if each dose is the same amount?

5. All-Care needed one of their ambulances serviced. The bill showed $45 for an oil change and $120 in parts. The bill total was for $225. How much extra was charged for labor?

6. Mark was offered a different job at a hospital downtown that would give him a raise of $78 a month over his current salary, but his commuting costs would be $2 a day higher. If he works 22 days a month, what would be his net monthly increase in pay?