Multiplication and division word problems

Grade 4 Word Problems Worksheet

A hotel has 7 floors. The lobby, restaurant and gym are located on the ground floor. The guestrooms are on 1st to 6th floors.

1.   If there are 35 standard rooms on each floor, how many standard rooms are there?

2.   There are 4 housekeepers working on each floor. One room only requires one housekeeper. If the housekeepers try distributing the work equally, how many housekeepers need to clean more rooms that the others?

3.   If each standard room can fit 2 guests, what is the maximum number of guests that all the standard rooms can accommodate?

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4. There are 18 suites altogether in the hotel, how many suites are there on each floor if each floor has the same floorplan?

5. Each suite has 3 beds and there is a bed side table beside each side of each bed. How many bed side tables are there in all the suites?

6. Write an equation using "x" and then solve the equation. The rate charged for a standard room is $250 dollars. A couple stayed in a standard room for x nights and their total room charge is $750.

Answers

1. 35 x 6 = 210
    There are 210 standard rooms.

2. 35 ÷ 4 = 8 remainder 3
    3 housekeepers need to clean more rooms than others.

3. 210 x 2 = 420
    The maximum number of guests that all the standard rooms can
    accommodate is 420 guests.

4. 18 ÷ 6 = 3
    There are 3 suites on each floor.

5. 3 x 2 x 18 = 108
    There are 108 bed side tables.

6. 250x = 750
    x = 3
    The couple stayed for 3 nights.