

Algebra II

5-9

Word Problems

(Hardest Word Problems of the Year!!!)

(pg 250)

1) Find two positive numbers that differ by 8 and whose reciprocals differ by $\frac{1}{6}$.

5) A town's old street sweeper can clean the streets in 60 h. The old sweeper together with a new sweeper can clean the streets in 15 h. How long would it take the new sweeper to do the job alone?

11) Members of the Computer Club were assessed equal amounts to raise \$1200 to buy some software. When 8 new members joined, the per-member assessment was reduced by \$7.50. What was the new size of the club?

Assignment:
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2-20 even