

AA II h

Problem Solving WS — CAN YOU SOLVE IT ???
(Answer Key)

Below shows just equations and answers.

Your work must show: ① definitions of variable;

② equations using original #s in the problems;

③ work ; ④ answers with labels

① $5x + 80 = 5.5x$

160 sec

⑥ $75x + 75(x-2) = 800$

6:20 PM

② $2x - 6 + x = 120$

42 posts w/ paint B
78 posts w/ pt. A

⑦ $x - 20 + x = 2500$

1280 votes winner
1220 votes loser

③ $120 + .20x = 134$

400 km

⑧ $1.5x + 5x = 260$

\$40 each

④ $x + 2x + 3200 = 5000$

1200 trees by fire

⑨ $20(10)x = 260 + 50$

\$1.55 per page

⑤ $x + x + 1 + x + 2 + x + 3 = 66$

15m, 16m, 17m, 18m