

Homework

p. 45: 32-33, 40-41, 45-46

Chapter 1 Quiz on Tuesday!

For every problem, also write the solution in interval notation!

SOLVING INEQUALITIES Solve the inequality. Then graph the solution.

32. $18 + 2x \leq 9x + 4$

33. $2(x - 4) > 4x + 6$

“AND” COMPOUND INEQUALITIES Solve the inequality. Then graph the solution.

40. $2 < 3x - 1 \leq 6$

41. $-4 \leq 2 + 4x < 0$

“OR” COMPOUND INEQUALITIES Solve the inequality. Then graph the solution.

45. $2x - 3 \leq -4$ or $3x + 1 \geq 4$

46. $2 + 3x < -13$ or $4 + 2x > 7$