

4) $a \geq 6$

5) $x \geq -9$

6) $y < -3$

7) $n < -\frac{3}{2}$

9) $x > \frac{1}{14}$

10) $y \leq -\frac{8}{11}$

13) Let h be the number of hits. Then Elevator Tunes' ads are more profitable when $5 + .06h > 3.5 + .1h$. This occurs when there are 37 hits or fewer.

14) $t = 11$

16) $x = 4$

18) about 18 years

20) $(-5, 9)$

21) B

2a) $11 > -1$

2b) Any real number is a solution to the inequality.

3a) $40 = 40$

3b) Any real number is a solution to the equation.