Integer Solutions to Inequalities *Fluency*

List the positive integers that satisfy

1 $x < 5$

2 $x \leq 3$

3 $x < 2.5$

4 $x \leq 1$

5 $3x < 16$

6 $4x \leq 26$

List the integers that satisfy

7 $2 < x \leq 6$

8 $0 \leq x < 4$

9 $5 < x < 9$

10 $1 \leq x \leq 3$

11 $3.5 < x < 7$

12 $0.5 \leq x \leq 4.5$

List the integers that satisfy

13 $-3 < x < 2$

14 $-5 \leq x < -1$

15 $-2 \leq x \leq 2$

16 $-4.5 < x < 0$

17 $-1 < x \leq 3$

18 $-6 < x \leq -3$

Solve, then list the integers that satisfy

19 $3 < 2x + 1 \leq 11$

20 $-4 \leq 2x < 6$

21 $1 < 3x - 2 < 13$

22 $-7 < 2x - 1 \leq 3$

23 $0 < \frac{x}{2} \leq 2$

24 $5 \leq 3x + 2 < 20$

Find the largest integer that satisfies

25 $3x + 2 < 20$

26 $5x - 4 \leq 31$

27 $2x + 7 < 4$

28 $4 - x > 1$

29 $\frac{x}{3} + 1 < 5$

30 $7x < 2x + 18$