

Lösungen der Ungleichungen:

1) $L_x = \{x \mid 1 < x < 5\}$

2) $L_x = \left\{x \mid x \geq \frac{-5}{4} \vee x < -2\right\}$

3) $L_y = \{y \mid y > 3 \vee y < 2\}$

4) $L_z = \{z \mid z < 1 \vee z > 3\}$

5) $L_x = \{x \mid x > 1 \vee x < -1\}$

6) $L_x = \{x \mid x \geq 3 \vee x < 1\}$

7) $L_y = \{y \mid 5 < y < 8,5\}$

8) $L_z = \left\{z \mid \frac{5}{3} < z < \frac{23}{10}\right\}$

9) $L_x = \{x \mid -4 < x \leq 4\}$

10) $L_x = \{x \mid x > 6 \vee 0 < x < 2\}$

11) $L_x = \{x \mid 0 < x < 2\}$

12) $L_x = \{x \mid x > 2 \vee -6 < x < -2\}$

13) $L_x = \left\{x \mid x \geq -\frac{5}{4} \vee x \leq -\frac{11}{4}\right\}$

14) $L_x = \left\{x \mid x < -1 \vee -1 < x < -\frac{1}{3} \vee x > 1\right\}$

15) $L_x = \{x \mid x < 1 \vee x \geq 3\}$

16) $L_x = \left\{x \mid x < 0 \vee 0 < x < \frac{6}{5} \vee x > 6\right\}$

17) $L_x = \{x \mid x < -\sqrt{2} \vee 0 < x < 2\}$

18) $L_x = \{x \mid x > 2\}$

19) $L_x = \{x \mid -2 < x \vee -\frac{1}{2} < x < 1 \vee x > 1\}$