

1. Find the following intersection of sets:

$$\{1, 3, 7\} \cap \{2, 3, 8\} =$$

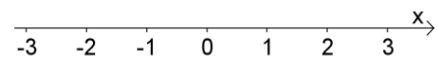
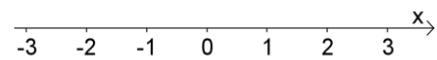
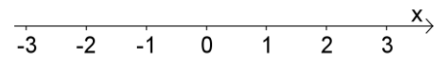
$$\{m, t, s, a, c\} \cap \emptyset =$$

2. Find the following union of sets:

$$\{1, 3, 7\} \cup \{2, 3, 8\} =$$

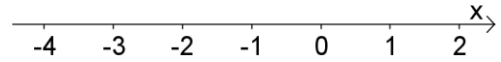
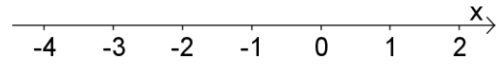
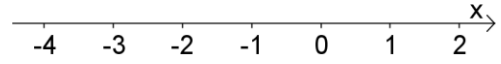
$$\{m, t, s, a, c\} \cup \emptyset =$$

3. Solve: $3x + 2 > -4$ and $2x - 1 < 5$

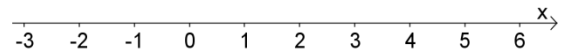
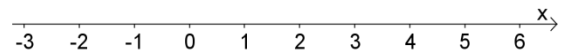
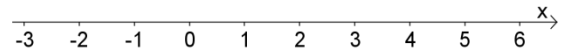


4. Solve: $3 \leq 4x - 3 < 19$

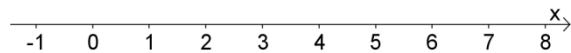
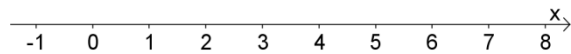
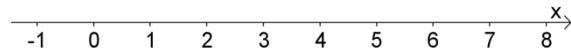
5. Solve: $2x - 5 \leq -11$ or $5x + 1 \geq 6$



6. Solve: $5(x - 2) > 15$ and $\frac{x-6}{4} \leq -2$



7. Solve: $2x + 1 < 15$ or $3x - 4 \geq -1$



Q: What has three feet but no legs or arms?