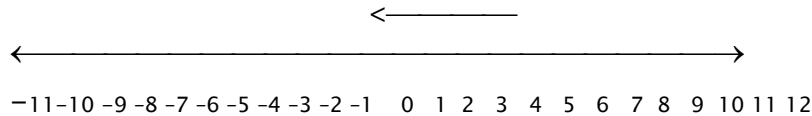
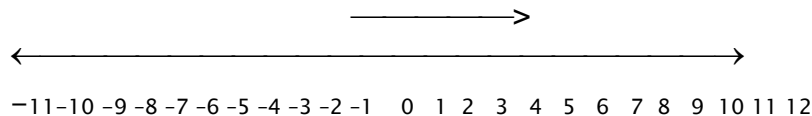


Guidelines for Inequality Symbols

- < **Less than:** The symbol that:
- ① Looks like an **L** (<) for **L**ess than
 - ② Points to the **Left**
 - ③ Caps the arrow pointing towards smaller numbers on the numberline
 - ④ Points towards the smaller of two numbers ($4 < 7$)



- > **Greater than:** The symbol that:
- ① Looks like the top of an **R** (>) for **G**reater than
 - ② Points to the **Right**
 - ③ Caps the arrow pointing towards larger numbers on the numberline
 - ④ Open end is by the larger number ($7 > 4$)



Guidelines for Union and Intersection

- ∪ **Union** The symbol that:
- ① Looks like a **U** for **U**nion (not intersection)
 - ② Resembles a smile ☺
 - ③ Smiles because it you get a **greater** amount
(**U**nites both answers)
 - ④ Corresponds to the **greater than** (>) inequality

- ∩ **Intersection** The symbol that:
- ① Looks like an **A** for **∩**nd (not or)
 - ② Resembles a frown ☹
 - ③ Frowns because it you get **less**
(**A**xes all but the overlap)
 - ④ Corresponds to the **less than** (<) inequality