Precalculus Transform inequality to interval

Todor Miley

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Let A and B be sets.

- The union of A and B is the set consisting of the elements in A and the elements in B, without additional elements.
- The union of A and B is denoted by

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Plot the points in the set $[-1,2) \cup (1,3]$.



To draw the points of a union draw both on top of one another.

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is read as

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Express the statement x < 0 or $1 \le x < 2$ using the \in symbol and the interval notation.

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