

**Create mapping diagrams for the relations below. Is the relation a function? Explain why or why not.**



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**Is the relation a function? Explain why or why not.**



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**5. A relation is a set of points. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**6. Every set of points is a function. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Do the following graphs represent functions? Why or why not?**

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**10. Do the following functions have discrete or continuous domains? Explain your reasoning.**

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**Describe the domain and range of the functions. Is the domain discrete or continuous?**

**11. 12.**

**Domain:**

**Range:**

**Discrete or Continuous?**