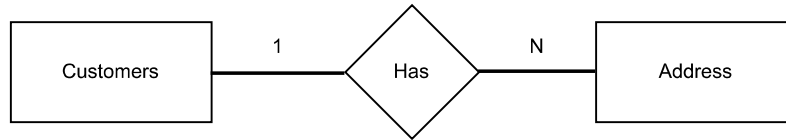Entity Relationship Diagrams
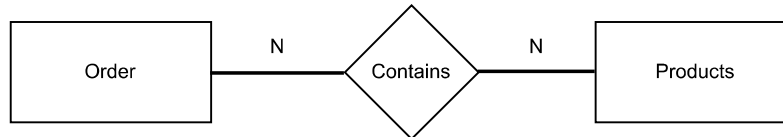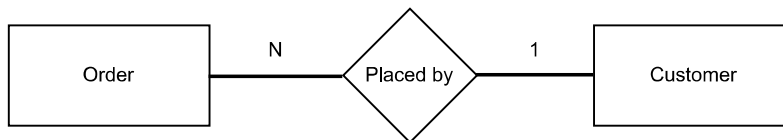
Customer Entity:

| Customers | 1 — Has — N | Address |

Product Entity

| Product | N — Belongs to — N | Product Category |

Orders Entity

| Order | N — Placed by — 1 | Customer |

| Order | N — Contains — N | Products |
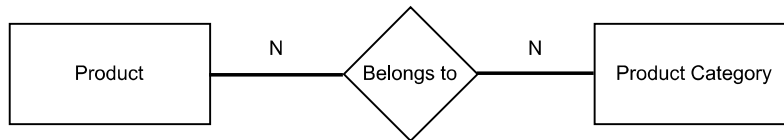
Transactions Entity

| Transaction | 1 — Linked to — 1 | Order |

Shopping cart
Entity

| Shopping cart | 1 — Belongs to — 1 | Customer |

| Shopping cart | 1 — Contains — N | Product |