Step:

Check-order

Bag1:

Unbagged:

 ${\bf Bread}$

 Glop

Granola (2) Ice cream

Potato chips

In addition, the rules need access to information about the size and other properties of various items:

Item	Container Type	Size	Frozen?
Bread	Plastic bag	Medium	No
Glop	Jar	Small	No
Granola	Cardboard box	Large	No
Ice cream	Cardboard carton	Medium	Yes
Pepsi	Bottle	Large	No
Potato chips	Plastic bag	Medium	No