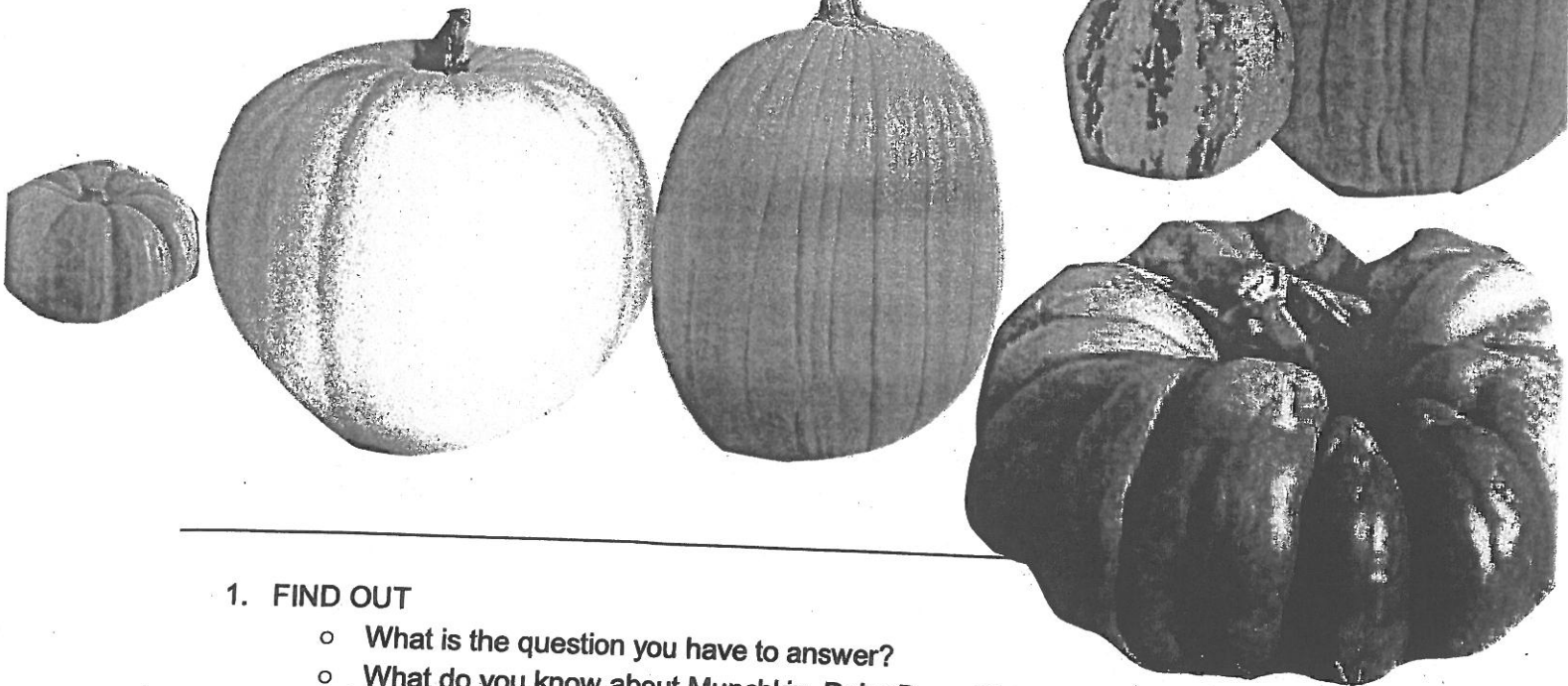


Patterson's Pumpkin Patch has pumpkins for sale, spread all over his 4 acre farm. There are many different types and styles of pumpkins, with a variety of different characteristics. There are six different types of pumpkins for sale, the varieties are: Munchkin, Polar Bear, Champion, Knuckle Head, Khaki, and Wolf.

- Wolf, Munchkin, and Champion are orange and have large stems
- Polar Bear and Wolf are both extra-large
- Knuckle Head is extra-large but not smooth like the others
- Khaki is medium sized with green vertical marks
- Polar bear and Munchkin are named after their characteristics
- Munchkin is smaller than Khaki

Can you name and color each pumpkin?



### 1. FIND OUT

- What is the question you have to answer?
- What do you know about Munchkin, Polar Bear, Champion, Knuckle head, Khaki and Wolf?

### 2. CHOOSE A STRATEGY

### 3. SOLVE IT

- What is the one thing you know about Wolf? What else do you know about it? Is there any other pumpkins that share the same characteristics? Do you know which pumpkin Wolf and Champion are?
- What do you know about Polar Bear that is different from Wolf and Champion? Is there another pumpkin like it?

- What do you know about Knuckle Head? Is there another pumpkin like this, or do you know which pumpkin it is? Then is there one pumpkin that has to be Knuckle Head?
- What do you know about Khaki? What else do you know about it?
- What is the one thing you already know about Munchkin? Then is there one pumpkin that has to be the Munchkin?

4. LOOK BACK

- Read the problem again. Look at the information given and the main question. Is your answers reasonable?

5. EXTEND IT

- Can you make a problem like this?