Lesson 12: Ways to Represent Measurement Situations

- Let's make sense of and represent measurement situations at the fair.

Warm-up: Notice and Wonder: The Fair

What do you notice? What do you wonder?

12.1: Giant Pumpkin Event

1. Write a list of mathematical questions that could be asked about this image.

2. Work with your partner to solve the problem you were given by your teacher and show your thinking on a poster. Be sure to write down on your poster the problem you are solving.

12.2: Card Sort: Giant Pumpkins

Your teacher will give you a set of cards with descriptions and diagrams.

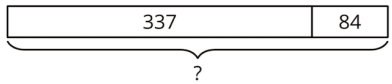
Match each description with a diagram that represents the same situation.

Giant Pumpkins

A. Giant pumpkins grow from seedlings. A farmer used 84 liters to water their seedlings with 12 liters each. How many seedlings were there?

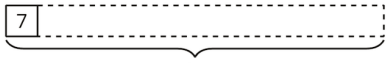
Giant Pumpkins

B.



Giant Pumpkins

C.



Giant Pumpkins

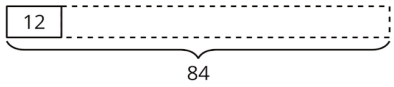
D. One farmer says he used 337 liters per day to water his giant pumpkin. Another farmer used 84 liters less per day. How much water did she use a day?

Giant Pumpkins

E. A father and a daughter use 337 liters per day to water their pumpkin and 84 liters a day to water their watermelon. How much water do they use all together per day?

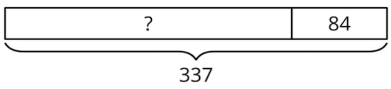
Giant Pumpkins

F.



Giant Pumpkins

G.



Giant Pumpkins

H. A giant pumpkin gained 12 kilograms per day for 7 days. How much weight did the pumpkin gain during that week?

Giant Pumpkins

I. A pack of giant pumpkin seeds weighs 7 grams. A farmer has 84 grams of seeds. How many packs does she have?

Giant Pumpkins

J.