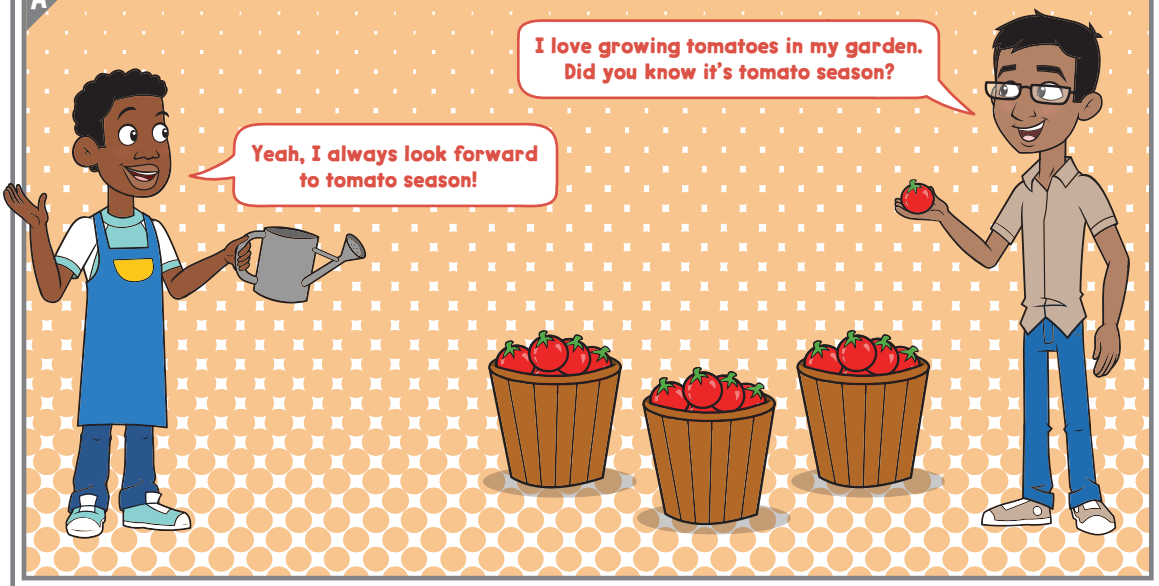
The Upcoming Harvest Festival

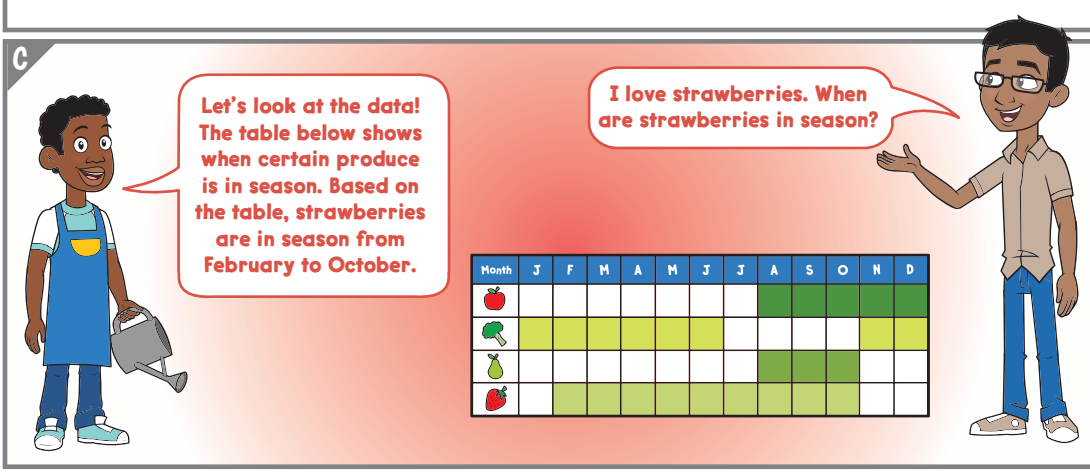
A



B



C



D



Let's create a dot plot to display the data from the table. Then we can compare the months!

I wonder which months of the year produce the most of these fruits and veggies.

A

Month	J	F	M	A	M	J	J	A	S	O	N	D

B

Create a dot plot of the data.

J F M A M J J A S O N D

_____ is one of the months with the least amount of produce in season.

_____ is one of the months with the greatest amount of produce in season.

C

My dad has a 100 acre farm. We have planted carrots across 18 acres.

D

Shade in the grid to show 18 acres.

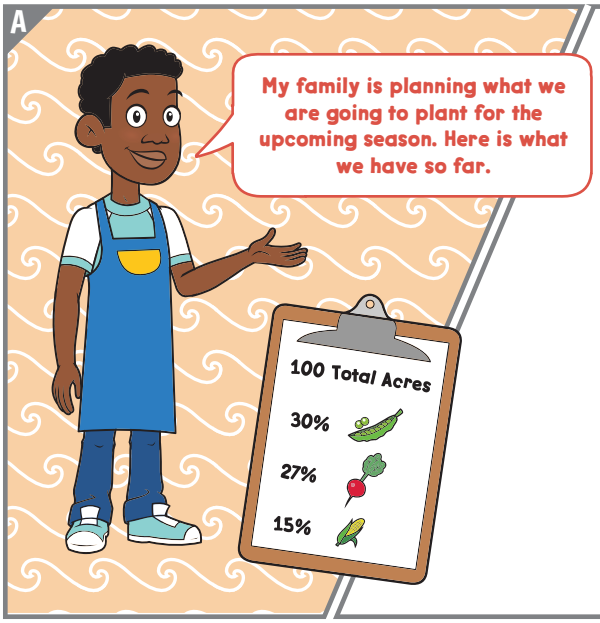
Write the ratio of acres of carrots to total acres in two ways. Circle the representation that you prefer.

The ratio of acres of carrots to total acres is:

_____ : _____

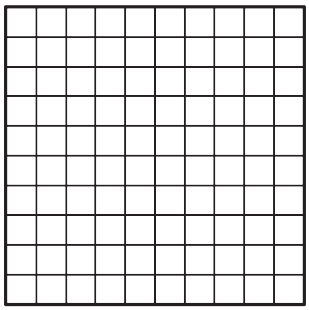
This ratio can be written in fraction form as:

A



B



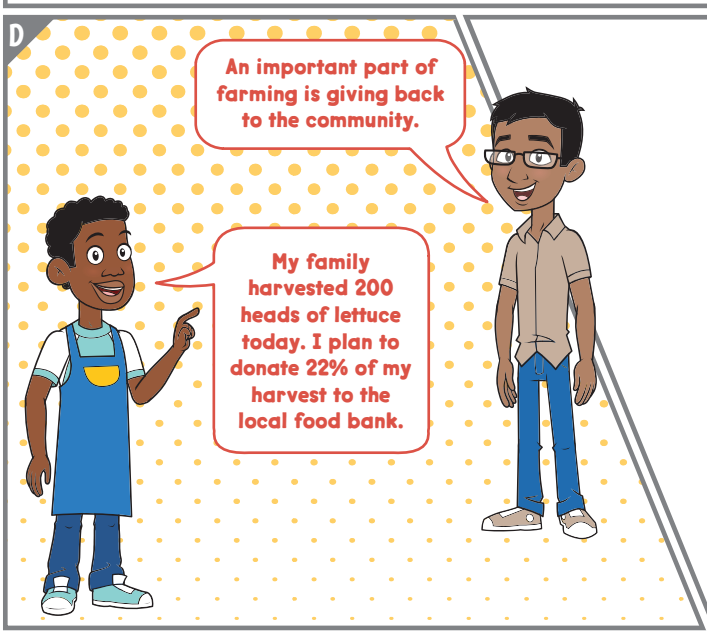


C



	Grocery Stop	Food Central	Farmers Market	Local Bites
Fraction	$\frac{1}{5}$	$\frac{3}{20}$		
Decimal			0.42	
Percent		15%		23%

D



E



A



Our family farm is hosting a harvest festival. It runs from October through November. We are selling apples, broccoli, pears and strawberries. We already have our prices for October, but we are going to have new prices in November.

Item	OCTOBER Cost (per pound)	% Markup or % Discount	NOVEMBER Cost (per pound)
Apples	$1.00	8% discount	
Broccoli	$2.10	20% discount	
Pears	$2.40	25% markup	
Strawberries	$3.20	20% markup	

B



I heard students get an extra 10% discount on their entire purchase in November. If I were to buy 3 pounds of apples, 1 pound of broccoli, 2 pounds of pears and 2.5 pounds of strawberries in November, how much would I spend?

A



Why might some produce be more expensive during certain times of the year?

B



Explain how you applied at least one of the Mathematical Practices while solving this task.

Mathematical Practices

1. I can make sense of problems and persevere in solving them.
2. I can reason about problems using words, numbers, symbols and operations.
3. I can explain, justify and critique the reasoning of myself and others.
4. I can represent everyday situations using models and other representations.
5. I can choose and use math tools appropriately and strategically.
6. I can be accurate and precise when solving problems.
7. I can look for and use structure to improve my understanding.
8. I can look for and describe patterns and shortcuts.