Grandpa McDonald’s Farm
Math Story by Claudette J. Young

Janet McDonald saw cows grazing in one of her Grandfather’s pastures. She couldn’t stop staring at them.

“Ooo. What kind are they, Grandpa?” she asked.

Grandpa laughed and said, “I have several special breeds. You’ll soon see them up close.”

Fifteen minutes later Grandpa took her to the fence where Janet could watch. She could see six different breeds of cows in that pasture.

“How many of those hairy ones do you have?” she asked and pointed to some rusty colored cows and calves with shaggy hair.

Grandpa nodded. “Those are Highland Cattle from the Scotland Highlands. I have ten of those.”

Janet thanked him. “I brush each one every day as the temperatures rise. The wooly undercoat comes out and I give it to a friend who makes yarn from it for rugs,” he said.

“Cool, and what about those white ones?” Janet said.

“Those are English Ancient White Parks. I only have seven of those,” he said.

Janet pointed to another small group of animals. “What about those twelve little black ones? They’re so cute.”

Grandpa laughed at her excitement. “Those are Dexters. They’re supposed to be that small.”

“You have more different ones, too,” she said.
“That’s true. Those fifteen speckled ones are Pineywoods Cattle. They came to America from Cuba back in the pioneer days. The six brown and white cows on the other side are Guernsey. I had some of those the last time you were here.”

“I remember helping you milk them,” Janet said and laughed. “The cow didn't like my help.”

Grandpa laughed, too. “You were very young.”

He looked around the pasture and pointed. “Those five solid colored ones over there to the left are Aubrac from France.”

Janet felt confused. “Why do you have so many different ones?”

“All of these breeds are endangered now. Someone has to help keep the breeds alive. Many small farmers like me do that job,” he said proudly.

One of the white calves came to the fence and nuzzled Janet’s hand. She fell in love with cows at that moment.

“I’ll help all I can, Grandpa,” she promised as she patted the calf on the head.

After you've read the story, answer the math questions on the next page.
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Use information from the story to answer the questions. Show your work in the space to the right, when needed.

1. Complete the table. List each breed of cow and tell how many Grandpa McDonald has.

<table>
<thead>
<tr>
<th>Breed</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highland Cattle</td>
<td>10</td>
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</table>

2. What is the total number of cows in the pasture? answer: ______________

3. If 17 of Grandpa McDonald's cows had calves, how many did not have calves? answer: ______________

4. The following breeds came from the British Isles: Ancient White Parks, Guernsey, Dexter, and Highland Cattle. What was the total number of cattle on Grandpa McDonald's farm from the British Isles? answer: ______________

5. How many more Dexters does Grandpa have than Ancient White Parks? answer: ______________
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<td>12</td>
</tr>
<tr>
<td>Pineywoods Cattle</td>
<td>15</td>
</tr>
<tr>
<td>Guernsey</td>
<td>6</td>
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<tr>
<td>Aubrac</td>
<td>5</td>
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</tbody>
</table>

2. What is the total number of cows in the pasture? answer: 55 cows

3. If 17 of Grandpa McDonald’s cows had calves, how many did not have calves? answer: 38 cows

4. The following breeds came from the British Isles: Ancient White Parks, Guernsey, Dexter, and Highland Cattle. What was the total number of cows on Grandpa McDonald’s farm from the British Isles? answer: 35 cows

5. How many more Dexters does Grandpa have than Ancient White Parks? answer: 5 more Dexters