High Leverage Assessment 6

Name:_________________________        Teacher:______________        Date:______

The ratio of the number of problems Ryan got incorrect to the number of problems he got correct is 3:7.

Ryan missed 24 questions.

How many did he get correct?

Explain or show how you know.
<table>
<thead>
<tr>
<th>Milkshake A</th>
<th>Milkshake B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 scoops of chocolate ice cream</td>
<td>4 scoops of chocolate ice cream</td>
</tr>
<tr>
<td>1 cup of milk</td>
<td>2 cups of milk</td>
</tr>
</tbody>
</table>

Milkshake A has a stronger chocolate flavor than Milkshake B. Explain or show why.
One pound of ground beef costs $6.

At this rate, what is the cost of:

a. 3 pounds?

b. \( \frac{1}{2} \) pound?

c. \( \frac{3}{4} \) pound?
Water and Sugar

Four pitchers with water and sugar cubes are shown below.

Pitcher A

Full

Pitcher B

$\frac{1}{5}$ Full

Pitcher C

$\frac{1}{2}$ Full

Pitcher D

$\frac{1}{3}$ Full

Put the pitchers in order from least sweet to most sweet.

Explain your thinking
Omar mixed 8 cups of flour with 2 pints of water. The diagram above shows this mixture.

Circle all of the statements below that are true for this situation.

a. There are 8 cups of flour for every 2 pints of water.

b. There are 2 pints of water for every 8 cups of flour.

c. The ratio of the number of cups of flour to the number of pints of water is 1:4.

d. There is 1 pint of water for every 4 cups of flour