Lesson 4: Division Situations

- Let's solve and represent division problems.

Warm-up: Number Talk: Division

Find the value of each expression mentally.

- $35 \div 7$

- $1 \div 7$

- $36 \div 7$

- $37 \div 7$

4.1: Pounds of Blueberries

1. Complete the missing parts of the table. Be prepared to explain your thinking.

2. Discuss both your solutions with your group. What is the same? What is different?

Partner A

Equation	Situation
$4 \div 6 = \frac{4}{6}$	
Diagram	

Partner B

Equation	Situation

Diagram
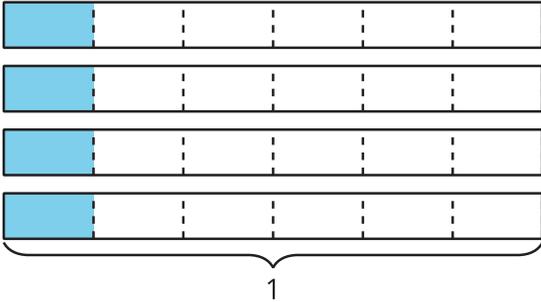
Partner C

Equation	Situation
	Six students share 4 pounds of blueberries. How many pounds of blueberries did each student get?

Diagram

4.2: Grams of Gold

1. A group of 3 friends spent the afternoon panning for gold. They shared the gold equally. If each friend got $\frac{4}{3}$ grams of gold, how much gold did they collect together? Explain or show your reasoning.

2. A group of friends spent the afternoon panning for gold. They shared the gold equally. If they collected 5 grams of gold together and each friend got $\frac{5}{6}$ grams of gold after they shared it, how many friends shared the gold? Explain or show your reasoning.