



# Division Situations

Let's solve and represent division problems.

## Warm-up

### Number Talk: Division

Find the value of each expression mentally.

- $35 \div 7$

- $1 \div 7$

- $36 \div 7$

- $37 \div 7$

Activity 1

Pounds of Blueberries

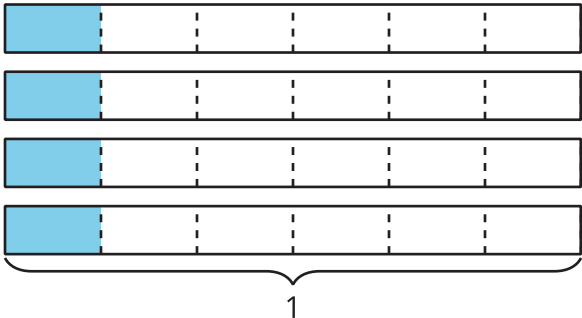
1. Complete the 2 missing parts of your assigned table. Explain your reasoning.
2. Discuss the equations, situations, and diagrams in your group's 3 tables. What is similar? What is different?

Partner A

| equation                 | situation |
|--------------------------|-----------|
| $4 \div 6 = \frac{4}{6}$ |           |
| diagram                  |           |
|                          |           |



Partner B

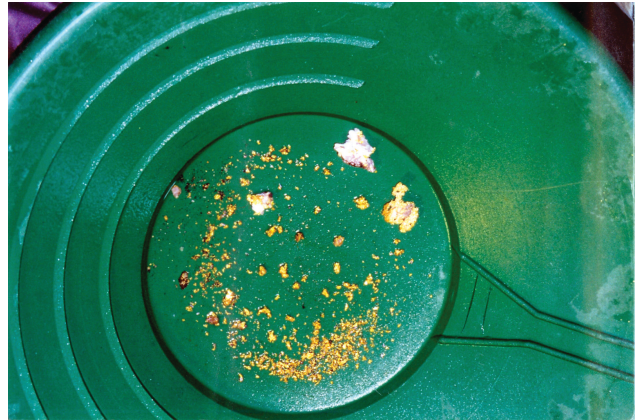
| equation   | situation |
|--|-----------|
|  |           |
| diagram  |           |
|  |           |

Partner C

| equation | situation  |
|----------|--|
|          | Six students share 4 pounds of blueberries equally.<br>How many pounds of blueberries does each student get? |
| diagram  |  |
|          |  |

## Activity 2

### Grams of Gold



1. A group of 3 friends go panning for gold. They share the gold equally. Each friend gets  $\frac{4}{3}$  grams of gold. How much gold did they collect together? Explain or show your reasoning.
2. Another group of friends goes panning for gold. They collect 5 grams of gold together and share it equally. Each friend gets  $\frac{5}{6}$  gram. How many friends shared the gold? Explain or show your reasoning.