

Jake

Learning Intention: Adding and Subtracting

Fractions

Picture	Fraction	Story	Equation and answer or Statement of Comparison
<p>2 + 2 = 4</p> <p>$\frac{2 \times 4}{3 \times 4} = \frac{8}{12}$ $\frac{2 \times 4}{3 \times 4} = \frac{8}{12}$</p> <p>$\frac{8}{12} + \frac{4}{12} = \frac{12}{12} = 1$</p>	<p>$2\frac{2}{3}$</p> <p>$2\frac{1}{3} = 2\frac{2}{3}$</p>	<p>Glen and Bob bought chocolate bars. Glen ate $2\frac{2}{3}$ of the chocolate. Bob ate $2\frac{1}{3}$ of the chocolate.</p> <p>How much of the chocolate was eaten?</p>	<p>$2 + 2 = 4$</p> <p>$\frac{2 \times 3}{4 \times 3} = \frac{6}{12}$ $\frac{2 \times 4}{3 \times 4} = \frac{8}{12}$</p> <p>$\frac{6}{12} + \frac{8}{12} = \frac{14}{12}$</p> <p>$\frac{14}{12} + 4 = 5\frac{2}{3}$</p> <p>Glen ate more candy than Bob. They ate $5\frac{2}{3}$ bars of chocolate.</p>
<p>1 km</p> <p>Fred $\frac{1}{4}$</p> <p>George $\frac{3}{4}$</p>	<p>$\frac{5}{4} = 1\frac{1}{4}$</p> <p>$\frac{1}{2} = \frac{2}{4}$</p> <p>$\frac{1}{2} + \frac{2}{4} = \frac{3}{4}$</p>	<p>Fred and George ran for charity. Fred ran $\frac{1}{4}$ kilometers. George ran $\frac{3}{4}$ kilometers.</p> <p>How far did they run all together?</p>	<p>$1\frac{1}{4} + 1\frac{3}{4} = 3$</p> <p>They ran 3 km all together. But George ran $\frac{2}{4}$ more than Fred.</p>
<p>Bobby $\frac{1}{2}$</p> <p>Ben $\frac{1}{4}$</p> <p>Ben $\frac{1}{4}$</p>	<p>$\frac{10}{4} = 2\frac{1}{2}$</p>	<p>Bobby and Ben ate pizza. Bobby ate $1\frac{1}{2}$. Ben ate $\frac{1}{4}$.</p> <p>What was the total pizza eaten?</p>	<p>They ate 4 pizzas all together.</p> <p>$1\frac{1}{2} + 2\frac{1}{2} = 4$</p>

-picture shows the problem part of the story

- has labels and is neat, clear

- pictures represent the fractions accurately

- picture shows the context of the story problem

-all numbers are from the story problem

- accurate

- story makes sense

- is creative

- uses improper fractions and mixed numbers

- fractions don't have the same denominator

- shows the math to solve the problem part of the story

- uses accurate numbers and has an accurate answer

- demonstrates the learning intention

- a 4 has a back-up statement that shows your mathematical thinking