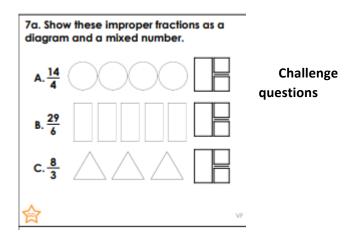
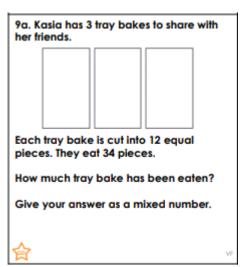
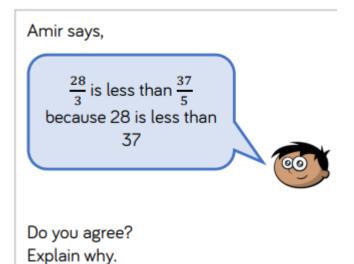
### Challenge questions - Fluency



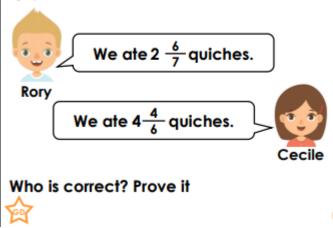


Challenge questions



Challenge question - problem solving

8a. Rory has 7 quiches for a party. They are cut into 6 equal slices. At the end of the party, there are 14 slices of quiche left.



# Spot the mistake

• 
$$\frac{27}{5} = 5\frac{1}{5}$$

• 
$$\frac{27}{3} = 8$$

• 
$$\frac{27}{4} = 5\frac{7}{4}$$

• 
$$\frac{27}{10} = 20\frac{7}{10}$$

What mistakes have been made?

Can you find the correct answers?

#### **Answers - Fluency**

#### **Problem solving**

8a. Cecile is correct. 
$$\frac{28}{6} = 4 \cdot \frac{4}{6}$$

9a. 
$$\frac{34}{12}$$
 =  $2\frac{10}{12}$ 

#### Challenge

Amir says,

$$\frac{28}{3}$$
 is less than  $\frac{37}{5}$  because 28 is less than 37

Do you agree? Explain why.

Possible answer

I disagree because  $\frac{28}{3}$  is equal to  $9\frac{1}{3}$  and  $\frac{37}{5}$  is equal to  $7\frac{2}{5}$ 

$$\frac{37}{5} < \frac{28}{3}$$

# Spot the mistake

• 
$$\frac{27}{5} = 5\frac{1}{5}$$

• 
$$\frac{27}{3} = 8$$

• 
$$\frac{27}{4} = 5\frac{7}{4}$$

• 
$$\frac{27}{10} = 20\frac{7}{10}$$

What mistakes have been made?

Can you find the correct answers?

## Correct answers

- $5\frac{2}{5}$  (incorrect number of fifths)
- 9 (incorrect whole)
- $6\frac{3}{4}$  (still have an improper fraction)
- $2\frac{7}{10}$  (incorrect number of wholes)