

Word problems can be challenging for children. In class we read the problem through once and don't worry if it feels like "they have thrown the kitchen sink at us". We then read the problem one step at a time and decide if the information is useful, what operation do we think we need, have they told us some important numbers we need?

**Lesson
28**

Solving Word Problems

In Focus



Elliott

I ate



Amira

I ate



What questions can you ask?

This allows children to think up what type of questions could you ask with the information you have been given?
Examples – who ate more, who ate less, how much more/less, how much altogether etc

Let's Learn

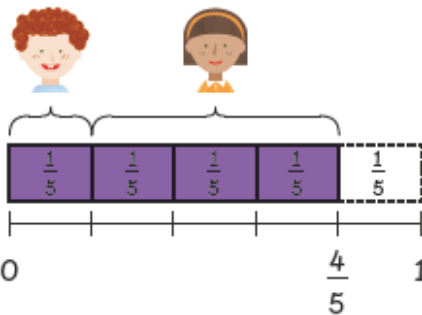
- How much pizza did Elliott and Amira eat altogether?



1 fifth $\frac{1}{5}$



3 fifths $\frac{3}{5}$



$$\frac{1}{5} + \frac{3}{5} = \frac{4}{5}$$

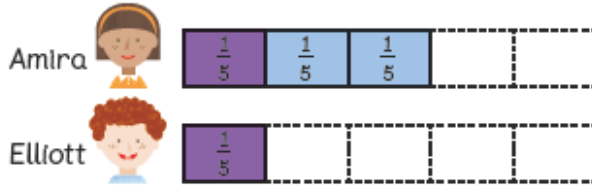
They ate $\frac{4}{5}$ of a pizza altogether.

1 fifth + 3 fifths
= 4 fifths



Encourage children to use a bar to help them visualise the problem.

- 2 Who ate more?
How much more?



$$\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$$

Amira ate more than Elliott.

Amira ate $\frac{2}{5}$ more of the pizza than Elliott ate.


Guided Practice

Solve.



How much cake did  and  give me?

 and  gave me  of a cake.

Complete Worksheet 28 – Page 124 – 125 

Name: _____ Class: _____ Date: _____

Worksheet 28

Solving Word Problems

Solve and fill in the blanks.

- 1 Charles ate $\frac{1}{5}$ of a chicken pie. Ravi ate $\frac{3}{5}$ of the same pie.

What fraction of the pie did the two boys eat?



The boys ate of the pie.

Look at the answers below for the format the children should put in these boxes.

- 2 Holly bought 20 cupcakes. She gave $\frac{1}{4}$ of them to Lulu.

How many cupcakes did Holly give to Lulu?



of

Holly gave Lulu cupcakes.

3 Amira ate $\frac{4}{7}$ of a pizza. Ruby ate $\frac{2}{7}$ of the same pizza.

(a) Who ate more pizza? Shade the bars to help you.

Amira

Ruby

ate more pizza.

(b) How much more?

4 Lulu bought 18 doughnuts. She gave $\frac{5}{6}$ of them to her sister.

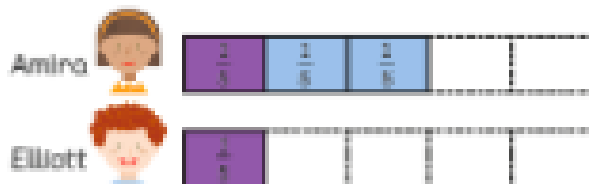
How many doughnuts did Lulu give her sister?

of

Lulu gave her sister doughnuts.



2 Who ate more?
How much more?



$$\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$$

Amira ate more than Elliott.

Amira ate $\frac{2}{5}$ more of the pizza than Elliott ate.

Guided Practice

Solve.



How much cake did and give me?

and gave me of a cake.

Complete Worksheet 28 – Page 124 – 125

Name: _____ Class: _____ Date: _____



Worksheet 28

Solving Word Problems

Solve and fill in the blanks.

- 1 Charles ate $\frac{1}{5}$ of a chicken pie. Ravi ate $\frac{3}{5}$ of the same pie.

What fraction of the pie did the two boys eat?



The boys ate $\frac{4}{5}$ of the pie.

- 2 Holly bought 20 cupcakes. She gave $\frac{1}{4}$ of them to Lulu.

How many cupcakes did Holly give to Lulu?



$\frac{1}{4}$ of 20 = 5

Holly gave Lulu 5 cupcakes.



3 Amira ate $\frac{4}{7}$ of a pizza. Ruby ate $\frac{2}{7}$ of the same pizza.

(a) Who ate more pizza? Shade the bars to help you.



Amira ate more pizza.

(b) How much more?

$$\frac{4}{7} - \frac{2}{7} = \frac{2}{7}$$



4 Lulu bought 18 doughnuts. She gave $\frac{5}{6}$ of them to her sister.

How many doughnuts did Lulu give her sister?

$$\frac{5}{6} \text{ of } 18 = 15$$

Lulu gave her sister **15** doughnuts.