

Equivalent Fractions Investigation

Here are some fraction cards. All of the fractions are equivalent.

$$\frac{4}{A}$$

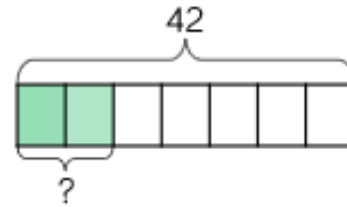
$$\frac{B}{C}$$

$$\frac{20}{50}$$

$A + B = 16$
Calculate the value of C.

Fractions of Amounts Practice

Find $\frac{2}{7}$ of 42



$$42 \div 7 = 6$$
$$6 \times 2 = 12$$
$$\frac{2}{7} \text{ of } 42 \text{ is } 12$$

Use this method to find

$$\frac{3}{8} \text{ of } 56$$

$$\frac{5}{6} \text{ of } 480$$

$$\frac{4}{9} \text{ of } 81 \text{ m}$$

Arithmetic Practice

$$9523 \times 6 =$$

$$854 \div 7 =$$

$$£53.01 + £4.53 =$$

$$93852 - 48295 =$$



Lucy and Sinead both have two identical pizzas each.

Lucy says,



I have cut each pizza into 6 equal pieces and eaten 8

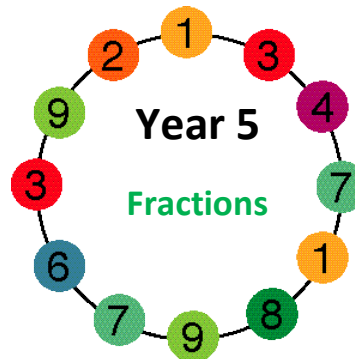
Sinead says,



I have cut each pizza into 9 equal pieces and eaten 15

Who ate the most pizza?

Use a drawing to support your answer.



Challenge linked to Home Learning Project

Did you know that **60%** of the world's population lives in Asia?!



- What is this as a **simplified** fraction?
- Can you find out any other facts about country populations as a fractions of the world or a continent?

Fractions Word Problems

1. Mr Pawson and Mr Watkin share a chocolate bar. Mr Pawson had $\frac{2}{5}$ of the bar and Mr Watkin ate $\frac{3}{10}$ of the bar. Who had the most chocolate?
2. Mrs Johnson had a jug which contained $2 \frac{3}{4}$ litres of orange juice. After pouring $\frac{5}{8}$ into a glass, how much orange juice is now left in the jug?
3. There is $\frac{9}{10}$ of a pizza in one box and $\frac{1}{2}$ of a pizza in another box. How much more pizza is there in the first box compared to the second box?

Games & Online Resources

<https://www.bbc.co.uk/bitesize/topics/zhdwxnb>

https://www.mathplayground.com/bridgebuilder_fraction_s.html

https://www.mathplayground.com/ASB_Speedway.html