

Adding Fractions



Pizza



How many slices of pizza has Amelia got?



How many slices of pizza has Kamil got?



How many slices do they have altogether?

Pizza



How many slices do they have altogether?

3 slices

+

2 slices

=

5 slices



Pizza



How would the calculation change if we used fractions instead of slices?

How many slices of pizza has Amelia got?



How many slices of pizza has Kamil got?

What fraction of a pizza do they have altogether?

Pizza



What fraction of a pizza do they have altogether?

$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$



Pizza Fractions



Why do we only add the numerators and not the denominators?

1



$$\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$$

2



$$\frac{2}{8} + \frac{5}{8} = \frac{7}{8}$$

3



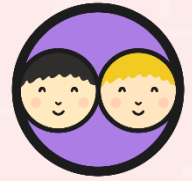
$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

4



$$\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$$

And the Question Is...



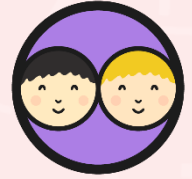
Complete the fractions to make the answer correct:

$$\frac{\quad}{6} + \frac{\quad}{6} = 1$$

How many different ways can you solve this problem?

How do you know you have found them all?

And the Question Is...



Complete the fractions to make the answer correct:

$$\frac{\quad}{10} + \frac{\quad}{10} = 1$$

How many different ways can you solve this problem?

How do you know you have found them all?