

## Functional Skills Maths | Level 1 | Numberless Problem-Solving Ratio Worksheet

1. Rohan is mixing concrete.

He knows the ratio of cement : sand : aggregates needed to make concrete.  
He knows how much concrete he needs.

How does he work out the amount of sand he needs to use in the mixture?

2. Flynn manages a pre-school.

They know the number of children they will have in tomorrow. They know they need a member of staff for a certain amount of children.

How do they work out how many staff need to be in work tomorrow?

3. Sarah is a car salesperson.

She knows how many cars she sold last month.

She knows how many electric cars she sold last month.

She is writing a report which will state the ratio of petrol cars to electric cars she sold.

How does Sarah work out the ratio of electric and petrol cars she sold last month?

4. Lorraine is mixing purple paint.

She knows to make purple paint you mix the following colours:

Red : Blue : White

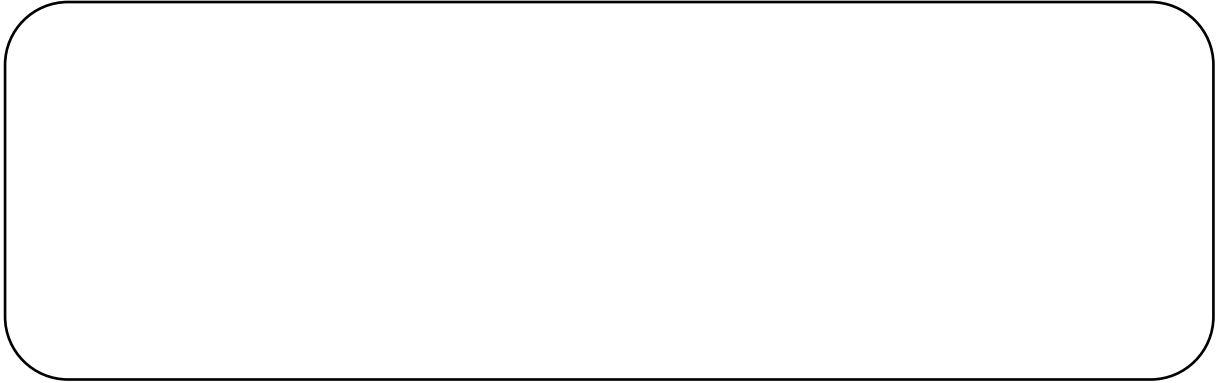
She knows how much paint she needs in total.

How does she work out how much blue paint she will need?

5. Aki has bought chicken and vegetarian pies for a party.

He knows how many pies he has bought in total and he knows how many of these pies were chicken.

How does he work out the ratio of chicken to vegetarian pies?



6. Bronwyn makes jewellery.

She knows the ratio of earrings : bracelets : necklaces she made.

She knows how many pieces of jewellery she made.

How would she work out what fraction of the total were bracelets?

