

## Home Learning - Session 2

### Year 6 - Reasoning (4 operations)

#### Pupil Expectations

Pupils are expected to be able to reason using their fluency skills, which include rapid recall of basic facts eg times tables and equivalent fractions. After pupils have completed their fluency task please complete the below activities.

#### Focus Learning - Model Example

3 pineapples cost the same as  
2 mangoes.

One mango costs £1.50

How much does one pineapple  
cost?

Step 1:  $2 \times \text{£}1.50 =$   
 $\text{£}3.00$

Step 2:  $\text{£}3.00$  divided by  
 $3 = \text{£}1.00$

Answer: 1 pineapple =  
 $\text{£}1.00$

#### Year 6 Expected

1. 3 pineapples cost the same as 2 mangoes.  
One mango costs £1.35  
How much does one pineapple cost?

**(2 marks)**

2. 3 pineapples cost the same as 2 mangoes.  
One mango costs £4.05  
How much does one pineapple cost?

**(2 marks)**

#### Year 6 Mastery

3. A shop makes 100 sandwiches.  
All the sandwiches are either cheese or tuna.  
Some of the sandwiches also have salad with the cheese or tuna.  
30 sandwiches have cheese with salad.  
15 sandwiches have tuna without salad.  
75 sandwiches have salad.  
How many sandwiches have cheese without salad?

**(3 marks)**