

# Homework/Extension

## Step 1: Measure Mass 1

### National Curriculum Objectives:

Mathematics Year 3: (3M2b) [Measure mass \(kg/g\)](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Read scales in increments of 2 and 10 to identify the numbers represented by the letters. All increments are labelled.

**Expected** Read scales in increments of 8 and 50 to identify the numbers represented by the letters. Some scales may have every other increment labelled.

**Greater Depth** Read scales in increments of 8 and 50 to identify the numbers represented by the letters. Some scales may have no increments labelled.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Identify the correct mass displayed on the scales. Scales are in increments of 1, 2 and 5 and all increments are labelled.

**Expected** Identify the correct mass displayed on the scales. Scales are in increments of 4, 50 and 100 and have every other increment labelled.

**Greater Depth** Identify the correct mass displayed on the scales. Scales are in increments of 4, 8 and 50 and have only 1 or 2 increments labelled.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

**Developing** Explain why the answer given is correct. The scale is in increments of 2 and all increments are labelled but the arrow is between increments .

**Expected** Check if the answer given is correct and explain their reasoning. The scale is in increments of 4 and every other increment is labelled.

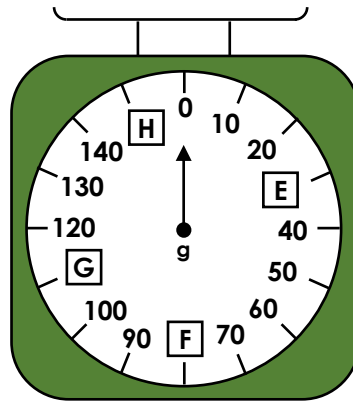
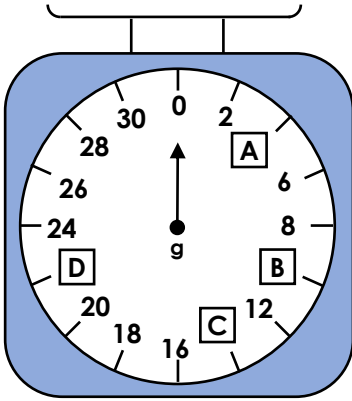
**Greater Depth** Check if the answer given is correct and explain their reasoning. The scale has 1 increment labelled.

More [Year 3 Mass and Capacity](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

# Measure Mass 1

1. Write the numbers that are missing from the scales.

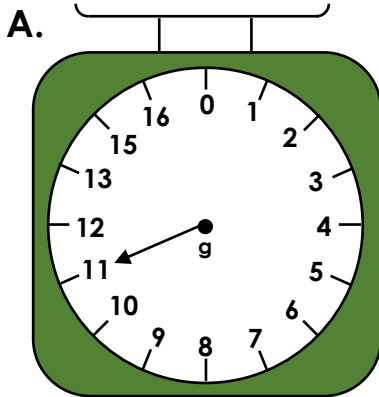


A	
B	
C	
D	
E	
F	
G	
H	

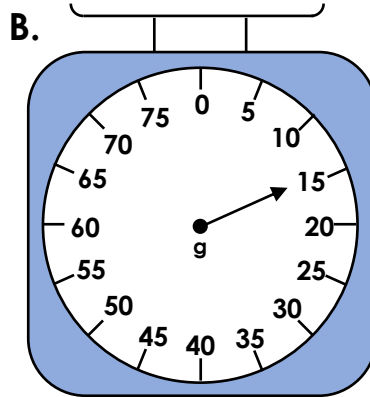


VF  
HW/Ext

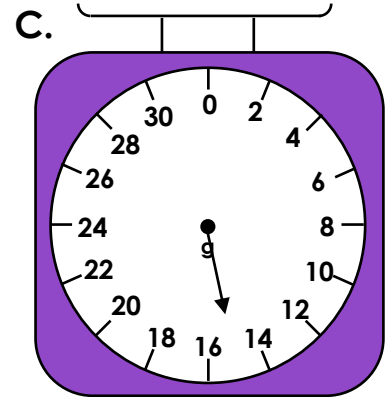
2. Circle the correct measurement for each set of scales.



10g    11g    12g



20g    10g    15g

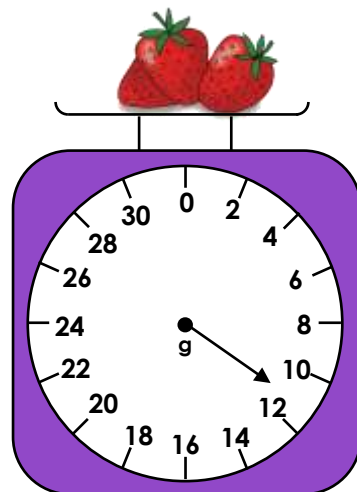


14g    16g    15g



VF  
HW/Ext

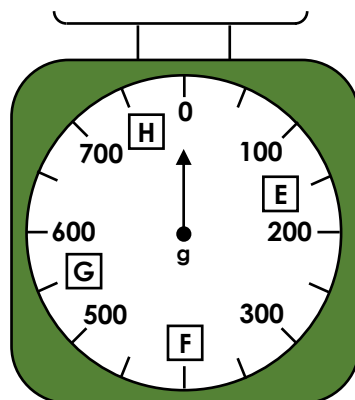
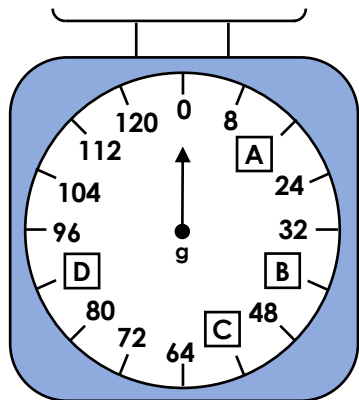
3. Ben says that the strawberries weigh 11g. Is he correct? Explain your answer.



RPS  
HW/Ext

# Measure Mass 1

4. Write the numbers that are missing from the scales.

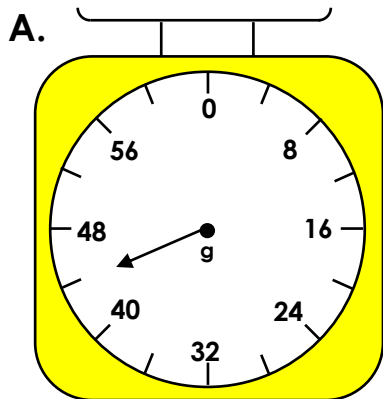


A	
B	
C	
D	
E	
F	
G	
H	

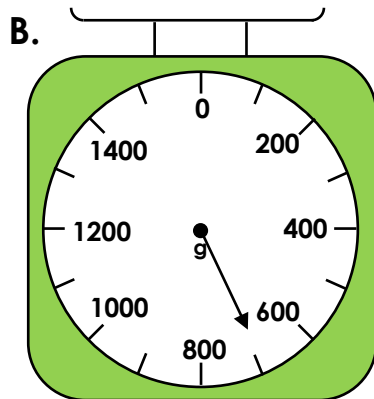


VF  
HW/Ext

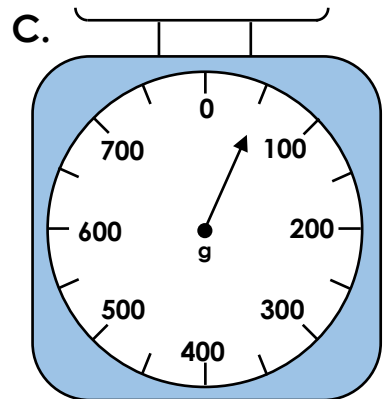
5. Circle the correct measurement for each set of scales.



42g	44g	45g
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650g	750g	700g
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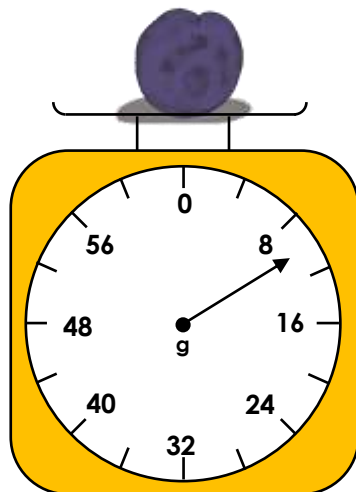


50g	10g	25g
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VF  
HW/Ext

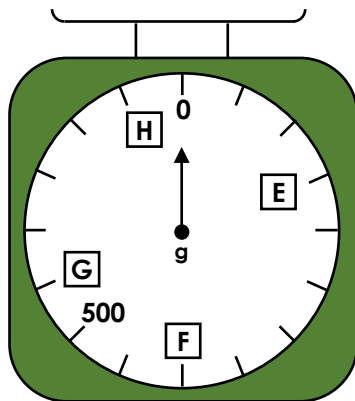
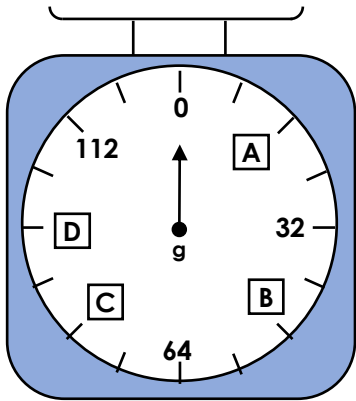
6. Tim says that the plum weighs 12g. Is he correct? Explain your answer.



RPS  
HW/Ext

# Measure Mass 1

7. Write the numbers that are missing from the scales.

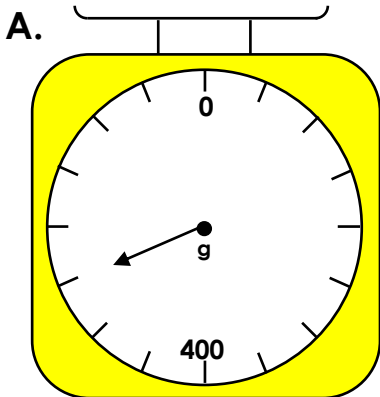


A	
B	
C	
D	
E	
F	
G	
H	

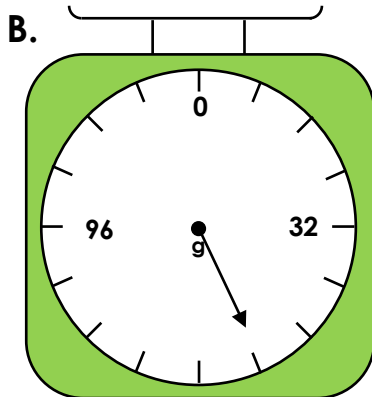


VF  
HW/Ext

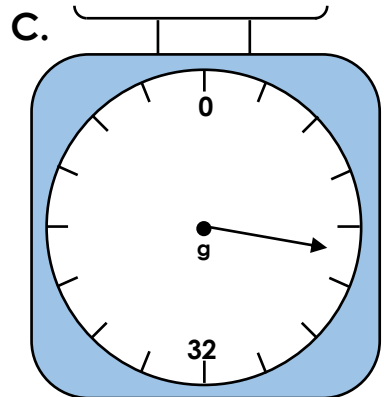
8. Circle the correct measurement for each set of scales.



500g	450g	550g
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50g	56g	60g
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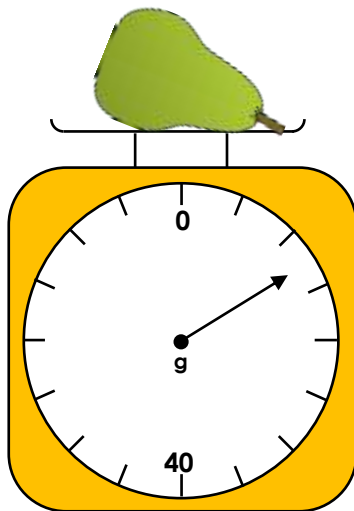
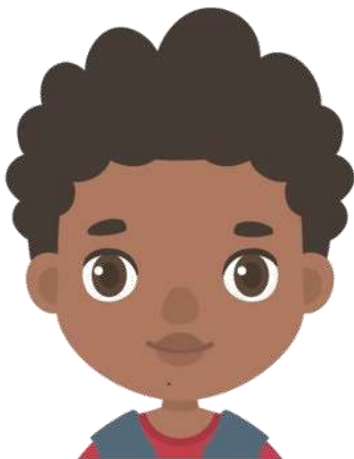


20g	15g	18g
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VF  
HW/Ext

9. Joshua says that the pear weighs 13g. Is he correct? Explain your answer.



RPS  
HW/Ext

## Homework/Extension

### Measure Mass 1

#### Developing

1. A.4g; B.10g; C.14g; D.22g; E.30g; F.80g; G.110g; H.150g
2. A.11g; B.15g; C.15g;
3. Ben is correct because the arrow is pointing halfway between 10g and 12g

#### Expected

4. A.16g; B.40g; C.56g; D.88g; E.150g; F.400g; G.550g; H.750g
5. A.44g; B.700g; C.50g
6. Tim is not correct. The measure should be 10g. He has increased the measure by 4 but the arrow is pointing halfway between 8g and 12g.

#### Greater Depth

7. A.16g; B.48g; C.80g; D.96g; E.150g; F.400g; G.550g; H.750g
8. A.550g; B.56g; C.18g
9. Joshua is correct because the scale goes up in increments of 5g. The arrow is pointing to just over halfway between 10 and 15g.