18.5.20

LO. To be able to measure mass.

Mild

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

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```

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

A.

```
| 10g | 11g | 12g |
```

B.

```
| 20g | 10g | 15g |
```

C.

```
| 14g | 16g | 15g |
```

2. A rubber duck weighs 600g. Draw an arrow on the scales to show each of the missing masses:

```
| 1kg | 1kg |
```

3. Complete the following table:

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4. Solve the problem using the information provided.

5. Write an explanation for the solution.
4. Write the numbers that are missing from the scales.

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

A. [42g, 44g, 45g]

B. [650g, 750g, 700g]

C. [50g, 10g, 25g]

5. A rubber duck weighs 350g. Draw an arrow on the scales to show each of the missing masses:
7. Write the numbers that are missing from the scales.

![Scales Diagram]

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

A. ![Scales Diagram]
B. ![Scales Diagram]
C. ![Scales Diagram]

6. Find four combinations of weights that will total the mass shown on the scale.

![Weights Diagram]
Answers:

**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;

**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

**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

6. 1kg + 500g; 1kg + 100g + 100g + 100g + 100g + 100g; 500g + 300g + 300g + 100g + 100g + 100g + 100g + 100g; 1kg + 300g + 100g + 100g