## Ratio

How many parts are there altogether?  ${\boldsymbol 9}$ 

What is each part worth?  $36 \div 9 = 4$ 

How many apples are there? **4** × **4** = **16 apples** 

How many bananas are there? **5** × **4** = **20 bananas** 

## Using and Calculating Scale Factor

Base = 9 Height = 4.5

## Practise

- 1. 42 ÷ 3 = 14 7 × 14 = 98
  - 42 ÷ 7 = 6
  - 3 × 6 =18

98 and 18

- 2. **380cm ÷ 19cm = 20** 
  - 140cm ÷ 20 = 7cm
- 3. 322 ÷ 14 = 23

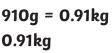
5 × 23 = 115

115 carrots

- 4. 142.5 ÷ 15 = 9.5 9.5cm
- 5. **1:3**

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6. 3 servings = 273g
1 serving = 273g ÷ 3 = 91g
10 servings = 910g
```



- 7. **4:1**
- 8. 20% of £157 = £31.40

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8% of £157 = £12.56
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\$31.40 + \$12.56 = \$43.96
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£157 - £43.96 = £113.04
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£113.04

