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

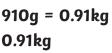
5 × 23 = 115

115 carrots

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

twînł

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



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

```
8% of £157 = £12.56
```

```
\$31.40 + \$12.56 = \$43.96
```

```
£157 - £43.96 = £113.04
```

£113.04

