



Math worksheet on 'Ratios - Unit Rates, Solve for Denominator (Level 3)'. Part of a broader unit on 'Ratios of Lengths - Intro'

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**1**

What is the total weight in this scenario?

unit price: 2.23 \$/kg  
total cost: 22.25 \$

<b>a</b> 10.75 kg	<b>b</b> 9.25 kg
<b>c</b> 10 kg	<b>d</b> 11.25 kg

**2**

What is the total weight in this scenario?

total cost: 12.5 \$  
unit price: 1.72 \$/kg

<b>a</b> 6.5 kg	<b>b</b> 5.25 kg
<b>c</b> 7.25 kg	<b>d</b> 9 kg

**3**

What is the total weight in this scenario?

unit price: 1.2 \$/kg  
total cost: 13.25 \$

<b>a</b> 10 kg	<b>b</b> 12 kg
<b>c</b> 11.5 kg	<b>d</b> 11 kg

**4**

What is the total hours in this scenario?

total earnings: 1.5 \$  
wage: 0.09 \$/hr

<b>a</b> 17.25 hrs	<b>b</b> 17 hrs
<b>c</b> 15 hrs	<b>d</b> 16.75 hrs

**5**

What is the total weight in this scenario?

unit price: 4.31 \$/kg  
total cost: 17.25 \$

<b>a</b> 3.25 kg	<b>b</b> 2 kg
<b>c</b> 3 kg	<b>d</b> 4 kg

**6**

What is the total hours in this scenario?

total earnings: 2.75 \$  
wage: 0.85 \$/hr

<b>a</b> 2.25 hrs	<b>b</b> 3.25 hrs
<b>c</b> 4.5 hrs	<b>d</b> 2.5 hrs

**7**

What is the total hours in this scenario?

total earnings: 15.75 \$  
wage: 0.98 \$/hr

<b>a</b> 16 hrs	<b>b</b> 14.75 hrs
<b>c</b> 16.5 hrs	<b>d</b> 17.75 hrs