


<p>GCSE - Numeracy and Mathematics</p> <p>Topic: Wages</p>	<p>Tier: Intermediate</p>	<p>Grade:</p> <p>C</p>	
<p>Starter:</p> <p>1) 20% of £13500 =</p> <p>2) 45% of £37255 =</p>	<p>Top Tips!</p> <ul style="list-style-type: none"> • Everyone is allowed to earn a specific amount of money before you start paying tax. This amount is called a personal allowance • If you have to pay higher rate tax (40%), you don't have to pay this on all of your earnings! • Gross income is how much you earn before paying taxes • Net income is how much you actually receive after deductions 		
<p>Skills:</p> <p>Jack employs two workers, Siân and Dan.</p> <p>He pays each of them as follows:</p> <ul style="list-style-type: none"> • £3.75 each day they work, for checking the hedges and fences on the way to work • £16.25 per hour when working with the animals • £18.50 per hour when working with equipment, such as fork lift trucks and tractors. <p>Siân works 3 days a week.</p> <p>Last week she spent 4 hours each day working with animals and 2 hours each day using the fork lift truck.</p> <p>How much was Siân paid last week?</p> <p>[3]</p>	<p>Examination Question:</p> <p>2014 June – Linear P2 Q5</p> <p>Claudia was given the following information.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>UK Income Tax April 2013 to April 2014 taxable income = gross income – personal allowance</p> <ul style="list-style-type: none"> • personal allowance is £9205 • basic rate of tax: 20% on the first £32255 of taxable income • higher rate tax: 40% is payable on all taxable income over £32255 </div> <p>During the tax year 2013 to 2014, Claudia's gross income was £52250. Calculate the total amount of tax that Claudia should pay. You must show all your working. [6]</p>		

Assessment for Learning

Video / QR code

GCSE - Numeracy and Mathematics

Topic: Wages

Tier: Intermediate

Grade:

C



Starter:

1) 20% of £13500 = **£2700**

2) 45% of £37255 = **£16764.75**

Top Tips!

- Everyone is allowed to earn a specific amount of money before you start paying tax. This amount is called a personal allowance
- If you have to pay higher rate tax (40%), you don't have to pay this on all of your earnings!
- Gross income is how much you earn before paying taxes
- Net income is how much you actually receive after deductions

Skills:

Jack employs two workers, Siân and Dan.

He pays each of them as follows:

- £3.75 each day they work, for checking the hedges and fences on the way to work
- £16.25 per hour when working with the animals
- £18.50 per hour when working with equipment, such as fork lift trucks and tractors.

Siân works 3 days a week.

Last week she spent 4 hours each day working with animals and 2 hours each day using the fork lift truck.

How much was Siân paid last week?

[3]

$4 \times £16.25 = £65$

$2 \times £18.50 = £37$

$£65 + £37 = £102$ (one day)

$£102 \times 3 = £306$

Examination Question:

2014 June – Linear P2 Q5

Claudia was given the following information.

UK Income Tax

April 2013 to April 2014

taxable income = gross income – personal allowance

- personal allowance is £9205
- basic rate of tax: 20% on the first £32255 of taxable income
- higher rate tax: 40% is payable on all taxable income over £32255

During the tax year 2013 to 2014, Claudia's gross income was £52250. Calculate the total amount of tax that Claudia should pay.

You must show all your working.

[6]

Taxable Income: $52,250 - 9,205 = £43,045$

Basic Rate: $20\% \times 32,255 = £6,451$

$43,045 - 32,255 = £10,790$

Higher rate: $40\% \times 10,790 = £4,316$

$£6,451 + £4,316 = \underline{\underline{£10,767}}$

Assessment for Learning

Video / QR code

