Year 9 Class 12 questions

Q1

Isaac gets paid $278.25 for a 15 hour week. What is his hourly rate?

$ [_____] $18.55

Q2

Phoebe earns $8.95 per hour for the first 8 hours she works each day, then double-time after that. Find her pay for working a 10-hour shift.

$ [_____] $107.40

Q3

$0-$18,200	Nil
$18,201-$37,000	19c for each $1 over $18,200
$37,001-$90,000	$3,572 plus 32.5c for each $1 over $37,000
$90,001-$180,000	$20,797 plus 37c for each $1 over $90,000
$180,001 and over	$54,097 plus 45c for every $1 over $180,000

Last year Mason earned $76,540 with allowable deductions of $2,865.

Find his taxable income.

$ [_____]
73,675

Find his tax payable.

$ [_____] (nearest dollar)
15,491

His fortnightly income after tax is closest to

○ $1,171   ○ $5,087

○ $1,272   ➡○ $2,342

Q4

Stella borrowed $7200 at 13.5% p.a. flat interest. If she repays the loan over 3 years, find her monthly repayment.

$ [_____] $281

Q5

Find the simple interest on $23 at 10% p.a. for 6 months.

$ [_____]
1.15

Q6

Of the following workers, who earns the most?

○ Ali, who earns $38 450 p.a.

➡○ Sam, who earns $3291.68 per month

○ Ava, who earns $1405.84 per fortnight

○ Ivy, who works 38 hours a week at $18.62/h

Q7

Of the following workers, who earns the most?

➡○ Lily, who earns $1980.54 per fortnight

○ Jaxon, who earns $48 560 p.a.

○ Matt, who earns $3920.15 per month

○ Bonnie, who works 39 hours a week at $23.75/h

Q8

Indiana earns $14.24/hour for the first 8 hours in a shift, time-and-a-half for the next 3 hours, and double-time thereafter. Find her pay for working a 12-hour shift.

$ [_____] $206.48

Q9

Isabelle earns $21.08/hour for the first 7 hours in a shift, time-and-a-half for the next 3 hours, and double-time thereafter. Find her pay for working a 14-hour shift.

$ [____] $411.06

Q10

$0 - $18,200	Nil
$18,201 - $37,000	19c for each $1 over $18,200
$37,001 - $90,000	$3,572 plus 32.5c for each $1 over $37,000
$90,001 - $180,000	$20,797 plus 37c for each $1 over $90,000
$180,001 and over	$54,097 plus 45c for every $1 over $180,000

Willow earns $42,300 per year with allowable deductions of $765. She is paying $125 in tax instalments each week.

Find her tax payable.
$ [____] (nearest dollar)
5,046

The amount she paid in tax instalments is closest to

- ○ $3,259
- ○ $6,000
- ➡○ $6,518
- ○ $6,350

The amount Willow is owed as a tax refund is closest to

- ○ $3,268
- ○ $1,787
- ○ $1,913
- ➡○ $1,472

Q11

$0 - $18,200	Nil
$18,201 - $37,000	19c for each $1 over $18,200
$37,001 - $90,000	$3,572 plus 32.5c for each $1 over $37,000
$90,001 - $180,000	$20,797 plus 37c for each $1 over $90,000
$180,001 and over	$54,097 plus 45c for every $1 over $180,000

Chelsea earned $38,215 one year with allowable deductions of $1,415. She pays $67 each week in tax instalments.

Find her tax payable.
$ [____] (nearest dollar)
3,534

The amount she paid in tax instalments is closest to

- ○ $1,747
- ○ $3,216
- ○ $3,334
- ➡○ $3,493

The amount Chelsea owes to the tax department is closest to

- ○ $53
- ➡○ $41
- ○ $231
- ○ $1,787

Q12

Holly buys a $1200 TV on terms. She pays a 10% deposit and repays a loan on the balance at 12% p.a. simple interest in equal monthly payments over 2 years.

How much is the deposit?
$ [____] $120

Find the monthly repayment.
$ [____] $55.80

How much does she pay in total for the TV?
$ [____] $1459.20

Q13

Indiana buys a $1720 table on terms. She pays a 10% deposit and repays a loan on the balance at 12% p.a. simple interest in equal monthly payments over 4 years.

How much is the deposit?

$ [_____] $172

Find the monthly repayment.

$ [_____] $47.73

How much does she pay in total for the table?

$ [_____] $2463.04

Q14

Yolanda invests $8500 at 12% p.a.

How long will it take her to earn $3060 in simple interest?

[_____] years

3

Q15

Celeste invests $780 at 15% p.a.

How long will it take her to earn $1404 in simple interest?

[_____] years

12

Q16

Austin is paid a bonus of $384 which is 40% of his normal weekly wage. Find his normal weekly wage.

$ [_____] $960

Q17

Gabriel's hourly pay rate increased from $9.25 to $9.99. Write this increase as a percentage of the original rate.

[_____] %   8%

Q18

Aaliyah's hourly pay rate increased from $25.20 to $27.09. Write this increase as a percentage of the original rate.

[_____] %   7.5%

Q19

Ryder receives his pay and decides to check the figures. He finds that he is paid $267.12 for 12 hours overtime.

How much per hour is he paid for overtime?

$ [_____] $22.26

If the overtime is paid at time-and-a-half, find his normal hourly rate.

$ [_____] $14.84

Q20

Bob receives his pay and decides to check the figures. He finds that he is paid $366.75 for 15 hours overtime.

How much per hour is he paid for overtime?

$ [_____] $24.45

If the overtime is paid at time-and-a-half, find his normal hourly rate.

$ [_____] $16.30

Q21

Gabriel receives his pay and decides to check the figures. He finds that he is paid $855.60 for 23 hours overtime.

How much per hour is he paid for overtime?

$ [   ] $37.20

If the overtime is paid at time-and-a-half, find his normal hourly rate.

$ [   ] $24.80

Q22

$0 - $18,200	Nil
$18,201 - $37,000	19c for each $1 over $18,200
$37,001 - $90,000	$3,572 plus 32.5c for each $1 over $37,000
$90,001 - $180,000	$20,797 plus 37c for each $1 over $90,000
$180,001 and over	$54,097 plus 45c for every $1 over $180,000

Liz earns $542.50 per week. Her allowable tax deductions come to $878 for the year.

Find her annual tax payable.
(1 year = 52.14 wks)

$ [   ] (nearest dollar)

1,750

She has paid $56.30 per week in tax instalments. Her tax refund is closest to

○ $953   ○ $2,935

➡️○ $1,186   ○ $2,702

Australians pay a Medicare levy of 2% of their taxable income. Her final tax refund after paying the Medicare levy is closest to

○ $957   ○ $478

➡️○ $638   ○ $858

Q23

$0 - $18,200	Nil
$18,201 - $37,000	19c for each $1 over $18,200
$37,001 - $90,000	$3,572 plus 32.5c for each $1 over $37,000
$90,001 - $180,000	$20,797 plus 37c for each $1 over $90,000
$180,001 and over	$54,097 plus 45c for every $1 over $180,000

Harriet earns $763.15 per week. Her allowable tax deductions come to $512 for the year.

Find her annual tax payable.
(1 year = 52.14 wks)

$ [   ] (nearest dollar)

4,313

She has paid $102.50 per week in tax instalments. Her tax refund is closest to

○ $607   ○ $4,920

○ $5,344   ➡️○ $1,032

Australians pay a Medicare levy of 2% of their taxable income. Her final tax refund after paying the Medicare levy is closest to

➡️○ $246   ○ $185

○ $369   ○ $547

Q24

$0-$18,200	Nil
$18,201-$37,000	19c for each $1 over $18,200
$37,001-$90,000	$3,572 plus 32.5c for each $1 over $37,000
$90,001-$180,000	$20,797 plus 37c for each $1 over $90,000
$180,001 and over	$54,097 plus 45c for every $1 over $180,000

Finn earns $2,430.25 per fortnight.
His allowable tax deductions come
to $2,130 for the year.

Find his annual tax payable.
(1 year = 52.14 wks)

$ _____ (nearest dollar)

11,446

He has paid $502.20 per fortnight in tax
instalments. His tax refund is closest to

○ $607   ⇒○ $1,647

○ $13,092   ○ $12,053

Australians pay a Medicare levy of 2% of
their taxable income. His final tax refund
after paying the Medicare levy is closest to

○ $317   ○ $633

○ $546   ⇒○ $422

Q25

Pete borrows $145 000 from a lender.
He must repay $2718.75 each month
over 10 years.

How much interest does he pay in total?

$ _____ $181 250

What interest rate is he charged?

_____ % p.a   12.5%

Q26

Hudson borrows $240 000 from a lender. He
must repay $3560 each month over 10 years.

How much interest does he pay in total?

$ _____ $187 200

What interest rate is he charged?

_____ % p.a   7.8%

Q27

Jimmy borrows $240 000 from a lender. He
must repay $6200 each month over 5 years.

How much interest does he pay in total?

$ _____ $132 000

What interest rate is he charged?

_____ % p.a   11%

Q28

An investment of $1500 earned $600
interest in 2 years.

What was the simple interest rate?

_____ % p.a.

20

Q29

An investment of $18 000 earned
$10 800 interest in 5 years.

What was the simple interest rate?

_____ % p.a.

12

Q30

An investment of $800 earned $30
interest in 6 months.

What was the simple interest rate?

_____ % p.a.

7.5