

## Year 9 Class 12 questions

Q1

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

\$

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.

\$

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.

\$

Find his tax payable.

\$  (nearest dollar)

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.

\$

Q5

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

\$

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.

\$

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.

\$

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)

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)

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?

\$

Find the monthly repayment.

\$

How much does she pay in total for the TV?

\$

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?

\$

Find the monthly repayment.

\$

How much does she pay in total for the table?

\$

Q14

Yolanda invests \$8500 at 12% p.a.

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

years

Q15

Celeste invests \$780 at 15% p.a.

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

years

Q16

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

\$

Q17

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

%

Q18

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

%

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?

\$

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

\$

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?

\$

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

\$

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?

\$

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

\$

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)

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)

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)

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?

\$

What interest rate is he charged?

% p.a

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?

\$

What interest rate is he charged?

% p.a

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?

\$

What interest rate is he charged?

% p.a

Q28

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

What was the simple interest rate?

% p.a.

Q29

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

What was the simple interest rate?

% p.a.

Q30

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

What was the simple interest rate?

% p.a.