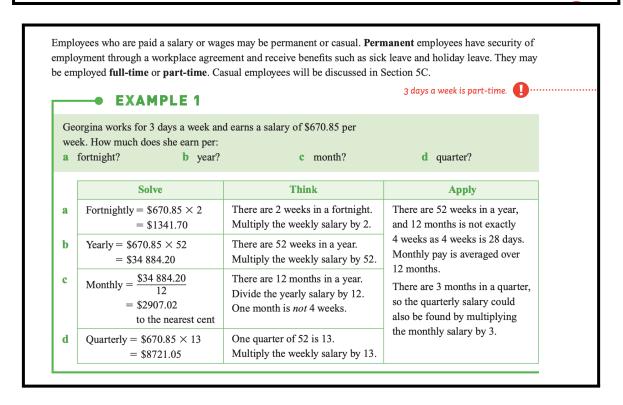
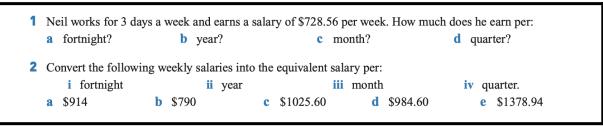
Salaries and Wages

WALT understand salary and wages and calculate salaries
Success Criteria - I understand the difference between wages and
salaries

2. I know that there are 52 weeks in a year Fortnight is 2 weeks There are are 12 months in a year 13 weeks in a quarter

Employees who are paid a salary or wages may be permanent or casual. **Permanent** employees have security of employment through a workplace agreement and receive benefits such as sick leave and holiday leave. They may be employed **full-time** or **part-time**. Casual employees will be discussed in Section 5C.





Ho	rry works full-time and earns a salar w much does he earn per: week? b fortnigh	· · · · · · · · · · · · · · · · · · ·	p.a. is short for per annum, which means per year. d quarter?
	Solve	Think	Apply
a	Weekly = $\frac{$68\ 600}{52}$ = \$1319.23 to the nearest cent	There are 52 weeks in a year. Divide the yearly salary by 52.	Yearly amounts allow conversions to be straightforward. If unsure about converting, calculate the yearly amount first.
b	Fortnightly = $\frac{$68\ 600}{26}$ = \$2638.46 to the nearest cent	There are 26 fortnights in a year Divide the yearly salary by 26.	
c	$Monthly = \frac{$68\ 600}{12}$ $= 5716.67 to the nearest cent	There are 12 months in a year. Divide the yearly salary by 12.	
d	Quarterly = $\frac{\$68600}{4}$ = \$17150	There are 4 quarters in a year. Divide the yearly salary by 4.	

3 Tara works full-time and earns a salary of \$64 800 p.a. How much does she earn per:

a week?

b fortnight?

c month?

d quarter?

4 Convert the following yearly salaries to the equivalent salary per:

i week

ii fortnight

iii mont

iv quarter.

a \$52 400

b \$36 600

c \$95 370

d \$76 280

e \$82 900

5 Convert the annual salaries shown in the advertisements below to the equivalent:

i weekly salary

ii fortnightly salary

iii monthly salary.

Fashion

\$80K

Foreman \$110K Experienced foreman required for city project. Ph 9333 000 Cleaner/Housekeeper \$40K Rare opportunity to work in fine home.

\$40K is a short way of indicating \$40 000.

Ph 9666 000



■ EXAMPLE 3

Girl's Surfwear Designer

Exciting position for the right person. Ph 9444 222

Bruno is employed full-time and earns a salary of \$4600 per month. What is his equivalent weekly salary?

Solve	Think	Apply
Yearly salary = $$4600 \times 12$ = $$55200$	Find the yearly salary first by multiplying \$4600 by	Do not divide monthly by 4. Most months are 4 weeks
Weekly salary = $\frac{\$55200}{52}$	12. Then find the weekly salary by dividing by 52.	plus 2 or 3 extra days, so always convert to yearly.
= \$1061.54 to the nearest cent	satury by arritaing by 52.	annays convert to yearly.

6 Samantha is employed full-time and earns \$6900 per month. What is her equivalent weekly salary?

7 Convert the following monthly salaries to the equivalent weekly salaries.

a \$4200

b \$2890

c \$5635

d \$7000

e \$3599

8 Scott earns \$68 840 p.a., Lisa earns \$1350 per week, Paula earns \$5700 per month and Tranh earns \$17 050 per quarter. Who earns the most?

EXAMPLE 4

Ella works a 35-hour week as a waitress and is paid \$23.86 per hour. What is her weekly wage?

Solve	Think	Apply
Weekly wage = \$23.86 × 35 = \$835.10	Find the pay per week by multiplying the hourly rate of \$23.86 by 35 hours.	Many positions are paid by the hour.

- **9** Dean works a 35-hour week and is paid \$21.70 per hour. What are his weekly wages?
- 10 Calculate the weekly wages for a person who works a 35-hour week and is paid:
 - **a** \$18.90/h
- **b** \$22.30/h
- c \$26.48/h
- **d** \$53.67/h
- e \$84.50/h

EXAMPLE 5

Yoshi earns \$992.50 for working a 25-hour week as a security guard. What is his hourly rate of pay?

Less than 30 hours a week is part-time.



Solve	Think	Apply
Hourly rate = $\frac{$992.50}{25}$ = \$39.70	Find the hourly rate by dividing the weekly wage of \$992.50 by 25 hours.	The hourly rate is useful to compare pay rates for different jobs.

- 11 Lauren earns \$715 for working a 25-hour week. What is her hourly rate of pay?
- 12 Calculate the hourly rate of pay for Phil who works a 25-hour week and is paid the following weekly wages:
 - **a** \$710
- **b** \$877.50
- **c** \$605
- **d** \$485
- **e** \$447.50

EXAMPLE 6

Sophie works a 38-hour week and is paid \$28.75 per hour. How much does she earn in a:

- a week?
- **b** fortnight?
- c year?
- d average month?

	Solve	Think	Apply
a	Weekly wages = \$28.75 × 38 = \$1092.50	Find the weekly wage by multiplying the hourly rate of \$28.75 by 38 hours.	Always convert to a weekly or annual wage to find the amount over other time periods.
b	Fortnightly wages = $$1092.50 \times 2$ = $$2185$	Find the fortnightly wage by multiplying the weekly wage by 2.	
c	Yearly wages = $$1092.50 \times 52$ = $$56810$	Find the yearly wage by multiplying the weekly wage by 52.	
d	Monthly wages = $\frac{\$56\ 810}{12}$ = \\$4734.17	There are 12 months in a year, so divide the yearly wage by 12.	Remember: 1 month is not equal to 4 weeks.
	to the nearest cent		

- 13 Trevor earns \$17.20 per hour and works a 36-hour week. How much does he earn in a:
 - a week?b fortnight?c year?d average month?
- 14 If a person is paid the following hourly rates for a 38-hour week, how much do they earn in a:

i week?
iii year?
iv month?

a \$43/h
b \$27.60/h
c \$52.90/h
d \$18.45/h
e \$75.30/h
f \$23.55/h



Check your Answers

```
1 a $1457.12
                          b $37 885.12
                         d $9471.28
   c $3157.09
    i $1826
iii $3960.67
2 a i $1828
                        ii $47 528
   iii $3960.67 iv $11 882
b i $1580 ii $41 080
iii $3423.33 iv $10 270
c i $2051.20 ii $53 331.20
    iii $4444.27
                        iv $13 332.80
   d i $1969.20 ii $51 199.20
iii $4266.60
e i $2757.88
iii $5975.41
iv $12.22
3 a $1246.15
b $2492.31
d $16 200
    iii $4266.60
                       iv $12 799.80
4 a i $1007.69 ii $2015.38
    iii $4366.67
                        iv $13 100
   b i $703.85 ii $1407.69
                        iv $9150
    iii $3050
   c i $1834.04
                       ii $3668.08
iv $23 842.50
    iii $7947.50
   d i $1466.92 ii $2933.85 iii $6356.67 iv $19 070
   e i $1594.23
                        ii $3188.46
   iii $6908.33
                         iv $20 725
5 a i $1538.46 ii $3076.92 iii $6666.67
  b i $2115.38 ii $4230.77
                                iii $9166.67
   c i $769.23 ii $1538.46 iii $3333.33
6 $1592.31
                 b $666.92d $1615.38
7 a $969.23
  c $1300.38
 e $830.54
8 Lisa ($70 200 p.a.)
9 $759.50
10 a $661.50 b $780.50 c $926.80
   d $1878.45 e $2957.50
11 $28.60/h
12 a $28.40/h
                 b $35.10/h
  c $24.20/h
                         d $19.40/h
  e $17.90/h
                    b $1238.40
13 a $619.20
  c $32 198.40 d $2683.20
a i $1634 ii $3268
14 a i $1634
    iii $84 968 iv $7080.67
b i $1048.80 ii $2097.60
   iii $54 537.60 iv $4544.80
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