Answer each of the following:

- a) How many weeks are in a year?
- b) How many fornights are in a year?
- c) How many months are in a year?
- d) How many weeks are in a fortnight?
- e) How many weeks are in a month?

Answer each of the following:

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Answers:

Answer each of the following:

- a) How many weeks are in a year?
- b) How many fornights are in a year?
- c) How many months are in a year?
- d) How many weeks are in a fortnight?
- e) How many weeks are in a month?

Answers:

a) 52

Answer each of the following:

- a) How many weeks are in a year?
- b) How many fornights are in a year?
- c) How many months are in a year?
- d) How many weeks are in a fortnight?
- e) How many weeks are in a month?

Answers:

a) 52

b) 26

Answer each of the following:

- a) How many weeks are in a year?
- b) How many fornights are in a year?
- c) How many months are in a year?
- d) How many weeks are in a fortnight?
- e) How many weeks are in a month?

Answers:

a) 52

b) 26

c) 12

Answer each of the following:

- a) How many weeks are in a year?
- b) How many fornights are in a year?
- c) How many months are in a year?
- d) How many weeks are in a fortnight?
- e) How many weeks are in a month?

Answers:

a) 52

b) 26

c) 12

d) 2

Answer each of the following:

- a) How many weeks are in a year?
- b) How many fornights are in a year?
- c) How many months are in a year?
- d) How many weeks are in a fortnight?
- e) How many weeks are in a month?

Answers:

a) 52

b) 26

c) 12

d) 2

e) ≈ 4.33

Earning income: Salary

Financial Mathematics

Learning Outcome

Activities/Tasks:

Success Criteria: I can calculate weekly, fortnightly, monthly and yearly earnings.

Worksheet Ex 9B

• Cam Ex 2E

Income

Definition 1 Salary

You are paid a set amount per year, regardless of how many hours you work.

Income

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You are paid a set amount per year, regardless of how many hours you work.

Definition 2 Hourly wages

You are paid a certain amount per hour worked.

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You are paid a set amount per year, regardless of how many hours you work.

Definition 2 Hourly wages

You are paid a certain amount per hour worked.

Definition 3 Comission

You are paid a percentage of the total amount of sales.

Example 1
Harry works full-time and earns a salary of \$68 600 p.a. How much does he earn per:

c) month

b) fornight

a) week

Example 1 Harry works full-time and earns a salary of \$68 600 p.a. How much does he earn per:

 $\$68\,600 \div 52$ there are 52 weeks in a year

c) month

Solution

a)

b) fornight

a) week

Solution

a)

a) week

Harry works full-time and earns a salary of \$68 600 p.a. How much does he earn per:





= \$1310.34













c) month



always round decimals to 2 d.p.

 $$68600 \div 52$ there are 52 weeks in a year

Example 1 Harry works full-time and earns a salary of \$68 600 p.a. How much does he earn per:

a) week

Solution

b)

b) fornight

 $\$68\,600 \div 26$ there are 26 fortnights in a year

- c) month

Solution

b)

a) week

Harry works full-time and earns a salary of \$68 600 p.a. How much does he earn per:

= \$2638.46

b) fornight

c) month

always round decimals to 2 d.p.

 $$68600 \div 26$ there are 26 fortnights in a year

Example 1 Harry works full-time and earns a salary of \$68 600 p.a. How much does he earn per: c) month

a) week

Solution

c)

b) fornight

 $\$68\,600 \div 12$ there are 12 months in a year

Example 1 Harry works full-time and earns a salary of \$68 600 p.a. How much does he earn per: b) fornight c) month

 $$68600 \div 12$ there are 12 months in a year

always round decimals to 2 d.p.

= \$5716.67

Solution

c)

a) week

Tamara earns \$2146 per week. What is her monthly salary?

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Important Note

1 month \neq 4 weeks, so we have to find Tamara's yearly salary first.

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Important Note

1 month \neq 4 weeks, so we have to find Tamara's yearly salary first.

Solution

Yearly Salary = 2146×52

there are 52 weeks in a year

Solution

Important Note

1 month \neq 4 weeks, so we have to find Tamara's yearly salary first.

= 111592

Yearly Salary = 2146×52

Tamara earns \$2146 per week. What is her monthly salary?

there are 52 weeks in a year

Solution

Tamara earns \$2146 per week. What is her monthly salary?

Important Note

1 month \neq 4 weeks, so we have to find Tamara's yearly salary first.

= 111592

Yearly Salary = 2146×52 there are 52 weeks in a year

Monthly Salary $= 111592 \div 12$ there are 12 months in a year

Solution

Tamara earns \$2146 per week. What is her monthly salary?

Important Note

Yearly Salary = 2146×52

Monthly Salary = $111592 \div 12$

= 111592

= 9299.33

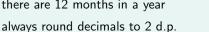
1 month \neq 4 weeks, so we have to find Tamara's yearly salary first.

there are 52 weeks in a year













Today's work

- Worksheet Ex 9B
- Cambridge Ex 2E Q3, 5, 6