

Things at home

ACTIVITY 3

CLEANING

- 1** Andrew has a back verandah which is 24m^2 . It takes him 48 minutes to sweep and hose it. How long would it take him on these ones?

12m^2

34m^2

23m^2

45m^2

- 2** Belinda has 5 rooms with 16 items in each one. How many of them did she dust and wipe on each of these occasions?

10%

37.5%

95%

70%

- 3** Cindy cleaned her shoes and she spent 30 minutes per night with 8 shoes per night. How many did she clean on these nights?

1st one /
2 hours

2nd one /
 $1\frac{1}{2}$ hours

3rd one /
1 hour

4th one /
 $2\frac{1}{2}$ hours

- 4** David made an 80L barrel of organic cleaning fluid and he divided it into 200ml bottles. How many did he use during these years?

2014 - $\frac{7}{50}$

2015 - $\frac{9}{50}$

2016 - $\frac{13}{50}$

2017 - $\frac{21}{50}$

Buying Things

ACTIVITY 4

FURNITURE

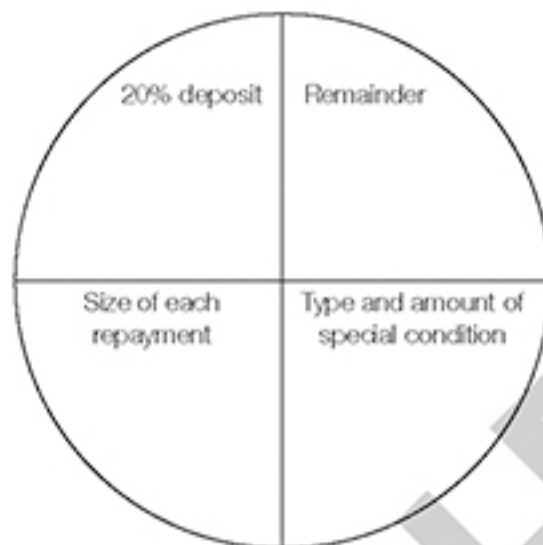
1 Lounge setting \$9600	2 Table and chair setting \$2700		
Increased by $\frac{1}{8}$ _____	Decreased by $\frac{1}{8}$ _____	Increased by 12% _____	Decreased by 23% _____
Increased by $\frac{1}{10}$ _____	Decreased by $\frac{2}{10}$ _____	Increased by 34% _____	Decreased by 43% _____
Original price paid in instalments of 10% _____	_____	Original price paid in instalments of 50% _____	_____
Original price paid in instalments of $\frac{1}{2}$ _____	_____	Original price paid in instalments of $\frac{1}{3}$ _____	_____
3 Bookshelf \$240	4 Double bunk bed \$750		
Increased by $\frac{1}{8}$ _____	Decreased by $\frac{1}{4}$ _____	Increased by 9% _____	Decreased by 26% _____
Increased by $\frac{1}{12}$ _____	Decreased by $\frac{1}{4}$ _____	Increased by 30% _____	Decreased by 57% _____
Original price paid in instalments of 25% _____	_____	Original price paid in instalments of 2.5% _____	_____
Original price paid in instalments of $\frac{1}{3}$ _____	_____	Original price paid in instalments of $\frac{1}{6}$ _____	_____

Bills and Payments

ACTIVITY 4

LAY-BUYS

- 1** Set of bathroom towels \$180 : due date is 1st November



Rate of repayments: 1 per week	Period of repayments: 8 weeks
Size of repayments: all the same	Paid by this date: 25th October
Special conditions: Reward of 5% of price if paid before the due date Penalty of 1% of price if paid after the due date	

- 2** Stereo system \$1500 : due date is 10th January



Rate of repayments: 1 per week	Period of repayments: 5 weeks
Size of repayments: all the same	Paid by this date: 13th January
Special conditions: Reward of 10% of price if paid before the due date Penalty of 4% of price if paid after the due date	

Banking

ACTIVITY 5

LONG-TERM DEPOSITS

1 \$750 long-term deposit <table border="1"><tbody><tr><td>Interest 4% per year</td><td>Period 2 years</td></tr><tr><td>Total amount of interest after 2 years</td><td>Total amount of money after 2 years</td></tr></tbody></table>	Interest 4% per year	Period 2 years	Total amount of interest after 2 years	Total amount of money after 2 years	2 \$960 long-term deposit <table border="1"><tbody><tr><td>Interest 5% per year</td><td>Period 3 years</td></tr><tr><td>Total amount of interest after 3 years</td><td>Total amount of money after 3 years</td></tr></tbody></table>	Interest 5% per year	Period 3 years	Total amount of interest after 3 years	Total amount of money after 3 years
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3 \$2100 long-term deposit <table border="1"><tbody><tr><td>Interest 6% per year</td><td>Period 4 years</td></tr><tr><td>Total amount of interest after 4 years</td><td>Total amount of money after 4 years</td></tr></tbody></table>	Interest 6% per year	Period 4 years	Total amount of interest after 4 years	Total amount of money after 4 years	4 \$6300 long-term deposit <table border="1"><tbody><tr><td>Interest 7% per year</td><td>Period 5 years</td></tr><tr><td>Total amount of interest after 5 years</td><td>Total amount of money after 5 years</td></tr></tbody></table>	Interest 7% per year	Period 5 years	Total amount of interest after 5 years	Total amount of money after 5 years
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Renting Things and Hiring People

ACTIVITY 5

HIRING PEOPLE (SPECIALISTS)

1 A wedding planner

Cost for
5 hours:

Cost for
6 hours:

\$90 per hour

Cost for
9 hours:

Cost for
10 hours:

\$630

is for

hours

\$720

is for

hours

\$990

is for

hours

\$180

is for

hours

2 A mathematics tutor

Cost for
9 hours:

Cost for
5 hours:

\$30 per hour

Cost for
10 hours:

Cost for
6 hours:

\$240

is for

hours

\$330

is for

hours

\$360

is for

hours

\$210

is for

hours

3 A baby-sitter

Cost for
10 hours:

Cost for
9 hours:

\$24 per hour

Cost for
6 hours:

Cost for
5 hours:

\$264

is for

hours

\$288

is for

hours

\$168

is for

hours

\$192

is for

hours

4 A piano player

Cost for
6 hours:

Cost for
10 hours:

\$120 per hour

Cost for
5 hours:

Cost for
9 hours:

\$1440

is for

hours

\$840

is for

hours

\$960

is for

hours

\$1320

is for

hours

Budgets

ACTIVITY 9

YOUR OWN ACTIVITY

1. Use the previous 8 activities to help and guide you.
2. Base your activity on one of them.
3. Make alterations to your activity if it helps you to improve it and to personalise it (after you have discussed them with your teacher).
4. Include questions and answers in your activity.
5. Include any other things in your activity that are relevant, helpful, and interesting for the theme of this chapter (after you have discussed them with your teacher).
6. Create your own plans and layouts.
7. Add your own artistic elements (e.g. borders / colouring / graphics / and so on).
8. You may present it in a paper-form or a digital form.
9. The length can range from 2 to 5 pages.
10. Show your plans and layouts to your teacher and discuss them with him/her.

Housing Situations

ACTIVITY 2

BUYING

<p>1 A caravan at the beach is \$9800</p> <table border="1"><tbody><tr><td>Bank loan 50% of property value</td><td>Size of monthly payments over 5 years</td><td>Bank fee 5% of property value</td></tr><tr><td>_____</td><td>_____</td><td>_____</td></tr></tbody></table> <p>Remainder 50% of property value from personal savings</p> <p>_____</p>	Bank loan 50% of property value	Size of monthly payments over 5 years	Bank fee 5% of property value	_____	_____	_____	<p>2 A flat in an industrial area is \$67,000</p> <table border="1"><tbody><tr><td>Bank loan 63% of property value</td><td>Size of monthly payments over 10 years</td><td>Bank fee 8% of property value</td></tr><tr><td>_____</td><td>_____</td><td>_____</td></tr></tbody></table> <p>Remainder 37% of property value from personal savings</p> <p>_____</p>	Bank loan 63% of property value	Size of monthly payments over 10 years	Bank fee 8% of property value	_____	_____	_____
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<p>3 A house in an upmarket locality is \$3,450,000</p> <table border="1"><tbody><tr><td>Bank loan 88% of property value</td><td>Size of monthly payments over 20 years</td><td>Bank fee 14% of property value</td></tr><tr><td>_____</td><td>_____</td><td>_____</td></tr></tbody></table> <p>Remainder 12% of property value from personal savings</p> <p>_____</p>	Bank loan 88% of property value	Size of monthly payments over 20 years	Bank fee 14% of property value	_____	_____	_____	<p>4 A cabin in the country is \$120,000</p> <table border="1"><tbody><tr><td>Bank loan 75% of property value</td><td>Size of monthly payments over 15 years</td><td>Bank fee 11% of property value</td></tr><tr><td>_____</td><td>_____</td><td>_____</td></tr></tbody></table> <p>Remainder 25% of property value from personal savings</p> <p>_____</p>	Bank loan 75% of property value	Size of monthly payments over 15 years	Bank fee 11% of property value	_____	_____	_____
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Industries and Special Things

ACTIVITY 4

TELEVISION

<p>1 A television station made 980 million dollars</p> <table border="1"><tbody><tr><td>Income per year over 20 years</td><td>Income per month over 20 years</td></tr><tr><td>_____</td><td>_____</td></tr><tr><td>Income from tv programmes 90%</td><td>Income from other sources 10%</td></tr><tr><td>_____</td><td>_____</td></tr></tbody></table>	Income per year over 20 years	Income per month over 20 years	_____	_____	Income from tv programmes 90%	Income from other sources 10%	_____	_____	<p>2 A television station made 860 million dollars</p> <table border="1"><tbody><tr><td>Income per year over 15 years</td><td>Income per month over 15 years</td></tr><tr><td>_____</td><td>_____</td></tr><tr><td>Income from tv programmes 80%</td><td>Income from other sources 20%</td></tr><tr><td>_____</td><td>_____</td></tr></tbody></table>	Income per year over 15 years	Income per month over 15 years	_____	_____	Income from tv programmes 80%	Income from other sources 20%	_____	_____
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