

2021 YEAR 12 AGRICULTURAL SCIENCE WORKSHEET 5

Answer the questions at the back of your book.

2017FY12CE

Below is a summary of The Green Farm's Cash Flow Budget for January and February, 2018.

	Jan \$	Feb\$
Opening Balance	2 000.00	_____
Total Income	7 000.00	14 000.00
Total Expenditure	4 000.00	5 000.00
Net Cash Flow	3 000.00	9 000.00
Closing Balance	_____	_____

Source: Adapted from <http://www.2.bp.blogspot.com>

Use the information above to **calculate** the farm's Opening Balance for February, 2018. (3 marks)

2018FY12CE

Below is a Whole Farm Budget for a mixed farm.

1. Capital Investment in Property	2. Anticipated Income
\$	\$
Land	Sale of Goats
440 000	2 600
Buildings	Sale of Cattle
244 000	37 000
Stock Value	Sale of Sheep
185 000	1 300
	Sale of Milk
	49 400
	Hiring out of Machines
	6 000
Total	Total
869 000	96 300

3. Anticipated Expenses	Variable Expenses	Total
\$	\$	\$
Fixed Expenses	Pasture costs	
Equipment depreciation	1 000	
6 500	Wages	
Lease and land tax	12 000	
10 800	Transport	
Salaries	4 000	
33 000	Fuel	
Interest on loans	5 000	
2 800	Veterinary fees	
	500	
	Power	
	5 000	
	Water	
	2 000	
Total	Total	Total
52 500	29 500	82 000

Use the information above to **calculate** the farm's expected profit or loss. (3 marks)

2019 FY12CE

Q3. The table below contains information taken from a farm's 2020 budget.

	Unit	Capsicum	Chillies
Variable cost	\$	1 000.00	750.00
Gross margin	\$/hr.	3 000.00	2 500.00
Labour requirements	man-days	200	150

If **labour** is the limiting factor on the farm, based on calculations, which commodity should the farmer produce. (3 marks)