

Plan a Term Budget

GRADE 7

MATHEMATICS

F1.3

B2.3

A term budget is a weekly one multiplied out. Work out the weekly saving first, then scale it, because a mistake in a small number is easier to spot than a mistake in a large one.

PART A: WEEKLY TO TERM

1. Income of \$25 a week for 8 weeks is \$_____.
2. Spending of \$10 a week for 8 weeks is \$_____.
3. Savings across those 8 weeks come to \$_____.
4. The weekly saving on its own is \$_____.

PART B: ADJUST A BUDGET LINE

5. A \$40 budget line increased by 10% becomes \$_____.
6. A \$40 budget line decreased by 25% becomes \$_____.
7. A \$60 budget line decreased by 50% becomes \$_____.

PART C: DOES IT BALANCE?

8. A budget balances when:
☐ (A) spending plus savings equals income ☐ (B) spending is zero
☐ (C) savings are larger than income
9. An \$80 budget line increased by 25% becomes:
☐ (A) \$100 ☐ (B) \$60 ☐ (C) \$105

PART D: TWO PLANS

- 10.** Selam plans income of \$30 a week and spending of \$18 a week for 6 weeks. What are her planned total savings?

SHOW YOUR WORK

Answer: _____

- 11.** Her spending rises to \$22 a week. What are her total savings across the same 6 weeks now?

SHOW YOUR WORK

Answer: _____

PART E: YOUR OWN TERM

- 12.** Write a 6-week budget with a weekly income and a weekly spending amount. Show the weekly saving and the term total, and check that the three figures fit together.

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ANSWER KEY

1. 200
2. 80
3. 120
4. 15
5. 44
6. 30
7. 30
8. A) spending plus savings equals income
9. A) \$100
10. \$72.
11. \$48.
12. Answers will vary. Check that the weekly saving is income take away spending, and that the term total is that saving multiplied by six.

TEACHER NOTES

Reduced expectations: the weekly figures are given, the scaling is a single multiplication, and the percent adjustments use only benchmark values on friendly amounts. The Standard sheet in this unit tracks a plan against actual results and adjusts mid-term.