

Luna's Space Adventure

Grade 3 · Spending, credit and saving · 3.9D

Name _____

Date _____



Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

Planned or unplanned? Planned spending is decided ahead of time.

At the checkout, Luna grabs a snack that was not on the list. **Planned** **Unplanned**

Max buys a birthday gift that was in Max's budget. **Planned** **Unplanned**

Nova's bike tire goes flat, and Nova pays to fix it. **Planned** **Unplanned**

Credit costs extra A borrower pays the lender back, plus interest.

Borrower	Borrowed	Interest	Pays back
Zed	\$19		\$28
Luna	\$25	\$10	
Max		\$5	\$59

Money choices Write income, spending, saving, credit or giving.

Luna gets a \$8 loan to pay back next month. _____

Nova keeps \$14 in a piggy bank for later. _____

Zed earns \$16 for walking dogs. _____

Orion spends \$23 on a movie ticket. _____

Plans and payments A savings plan: the same amount put away each week.

- ① Zed is saving \$40 for a rainy day and puts away \$5 each week. How many weeks will it take?

.....

_____ weeks

- ② Orion planned to spend \$43 on school clothes. A shoe broke, so Orion also spent \$7 on shoes, which was not planned. How much did Orion spend in all?

.....

_____ dollars

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ANSWER KEY



Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

Planned or unplanned? Planned spending is decided ahead of time.

At the checkout, Luna grabs a snack that was not on the list.

Planned

Unplanned

Max buys a birthday gift that was in Max's budget.

Planned

Unplanned

Nova's bike tire goes flat, and Nova pays to fix it.

Planned

Unplanned

Credit costs extra A borrower pays the lender back, plus interest.

Borrower	Borrowed	Interest	Pays back
Zed	\$19	\$9	\$28
Luna	\$25	\$10	\$35
Max	\$54	\$5	\$59

Money choices Write income, spending, saving, credit or giving.

Luna gets a \$8 loan to pay back next month.

credit

Nova keeps \$14 in a piggy bank for later.

saving

Zed earns \$16 for walking dogs.

income

Orion spends \$23 on a movie ticket.

spending

Plans and payments A savings plan: the same amount put away each week.

- ① Zed is saving \$40 for a rainy day and puts away \$5 each week. How many weeks will it take?

$40 \div 5 = 8$

8 weeks

- ② Orion planned to spend \$43 on school clothes. A shoe broke, so Orion also spent \$7 on shoes, which was not planned. How much did Orion spend in all?

$43 + 7 = 50$

50 dollars

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GUIDE

① What this sheet practises

What credit is: borrowing money now and paying it back later, usually with extra called interest. Your child also sorts planned from unplanned spending and names money choices.

② A problem from the sheet, worked out

Credit costs extra A borrower pays the lender back, plus interest.

Borrower	Borrowed	Interest	Pays back
Zed	\$19	\$9	\$28
Luna	\$25	\$10	\$35
Max	\$54	\$5	\$59

How: Paid back = amount borrowed + interest. If a number is missing, add to find what's paid back, or subtract to find the interest or the amount borrowed.

③ Words to know

credit borrowing now and paying back later

interest the extra paid for borrowing money

borrower the person who gets the money

lender the person or bank that lends it

savings money put aside for later

④ Watch for

- Writing the amount borrowed as what's paid back, and leaving out the interest.
- Adding when the blank is the interest or the amount borrowed: subtract instead.
- Calling borrowed money income: a loan has to be paid back.

⑤ Where it fits

THIS SHEET

3.9D

Explain credit: borrowing when you can't pay now and paying it back, usually with interest.

⑥ Helping at home

Lend your child 10 pennies and ask for 11 back next week. Talk about why a lender asks for extra: that extra is interest.