

Luna's Space Adventure

Grade 5 · Ways to pay · 5.10C

Name _____

Date _____



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

Which way to pay? Circle the way to pay each one describes.

Spends your money, not borrowed money	Check	Debit card	Credit card	Online
Amount written in numbers and words	Check	Debit card	Credit card	Online
Can pay the same bill every month	Check	Debit card	Credit card	Online
Paid on time, it builds good credit	Check	Debit card	Credit card	Online

Pros and cons Is each one true or false?

A check is the fastest way to pay.	True	False
A check leaves a paper record of what you paid.	True	False
Online payments can't be used to pay bills.	True	False

What credit costs

This card adds 10% interest (10¢ on every dollar) when the bill isn't paid in full.

Bought on credit	Price	Interest	Total paid
Art kit	\$29.00		
Headset	\$59.00		
Soccer ball	\$17.00		
Book	\$10.00		

Which fits best? Circle the best way to pay for each.

Lunch, with money already in the bank	Check	Debit card	Credit card	Online
Mail pay to a neighbor, keep a record	Check	Debit card	Credit card	Online



Luna's Space Adventure

Grade 5 · Ways to pay · 5.10C

ANSWER KEY



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

Which way to pay? Circle the way to pay each one describes.

Spends your money, not borrowed money	Check	Debit card	Credit card	Online
Amount written in numbers and words	Check	Debit card	Credit card	Online
Can pay the same bill every month	Check	Debit card	Credit card	Online
Paid on time, it builds good credit	Check	Debit card	Credit card	Online

Pros and cons Is each one true or false?

A check is the fastest way to pay.	True	False
A check leaves a paper record of what you paid.	True	False
Online payments can't be used to pay bills.	True	False

What credit costs

This card adds 10% interest (10¢ on every dollar) when the bill isn't paid in full.

Bought on credit	Price	Interest	Total paid
Art kit	\$29.00	\$2.90	\$31.90
Headset	\$59.00	\$5.90	\$64.90
Soccer ball	\$17.00	\$1.70	\$18.70
Book	\$10.00	\$1.00	\$11.00

Which fits best? Circle the best way to pay for each.

Lunch, with money already in the bank	Check	Debit card	Credit card	Online
Mail pay to a neighbor, keep a record	Check	Debit card	Credit card	Online



Luna's Space Adventure

Grade 5 · Ways to pay · 5.10C

GUIDE

1 What this sheet practises

The four ways to pay (check, debit card, credit card and online), what each one is, its pros and cons, and what interest adds to a credit card bill.

2 A problem from the sheet, worked out

What credit costs

This card adds 10% interest (10¢ on every dollar) when the bill isn't paid in full.

Bought on credit	Price	Interest	Total paid
Art kit	\$29.00	\$2.90	\$31.90
Headset	\$59.00	\$5.90	\$64.90
Soccer ball	\$17.00	\$1.70	\$18.70
Book	\$10.00	\$1.00	\$11.00

How: Ask where the money comes from and when: a debit card and a check spend your own money, a credit card borrows it, and interest is the cost of borrowing. Interest = price × the rate.

3 Words to know

debit card spends money from your bank account

credit card borrows money you pay back later

check a signed paper that tells your bank to pay

interest extra paid for borrowing money

4 Watch for

- Thinking a debit card is borrowed money.
- Forgetting that unpaid credit card bills cost more than the price.
- Working 10% of \$40 as $40 \div 10 = \$0.40$ instead of \$4.

5 Where it fits

BEFORE

4.MD.A.2

Solve story problems about distance, time, volume, mass and money.

THIS SHEET

5.10C

Weigh the pros and cons of paying by check, credit card, debit card or electronically.

NEXT

5.NBT.B.7

Add, subtract, multiply and divide decimals to hundredths.

6 Helping at home

Look at a real receipt together and ask how it was paid. Talk through what would happen if it had gone on a credit card and wasn't paid off.

