

Luna's Space Adventure

Grade 5 · Pay and taxes · 5.10B

Name _____

Date _____



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

Which tax? Circle the kind of tax each one is.

Paid at the register on top of a game's price	Income	Payroll	Sales	Property
Paid on a whole year's earnings, on a tax return	Income	Payroll	Sales	Property
Paid each year on a house a family owns	Income	Payroll	Sales	Property
Taken from each paycheck for Social Security	Income	Payroll	Sales	Property

Sales tax Tax here is 6¢ on every dollar. Tax = price × 6¢.

Item	Price	Tax	Total
Lamp	\$30.00		
Headset	\$46.00		
Backpack	\$33.00		
Soccer ball	\$19.00		
Skateboard	\$49.00		

A pay stub Gross pay is what you earn. Net pay is what's left after taxes.

Zed's pay stub	Amount
Gross pay: 20 hours × \$17	
Income tax	\$20
Payroll tax	\$20
Net pay	

Taxes in all? _____

Net pay for 2 weeks? _____

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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!

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Paid on a whole year's earnings, on a tax return	Income	Payroll	Sales	Property
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Taken from each paycheck for Social Security	Income	Payroll	Sales	Property

Sales tax Tax here is 6¢ on every dollar. Tax = price × 6¢.

Item	Price	Tax	Total
Lamp	\$30.00	\$1.80	\$31.80
Headset	\$46.00	\$2.76	\$48.76
Backpack	\$33.00	\$1.98	\$34.98
Soccer ball	\$19.00	\$1.14	\$20.14
Skateboard	\$49.00	\$2.94	\$51.94

A pay stub Gross pay is what you earn. Net pay is what's left after taxes.

Zed's pay stub	Amount
Gross pay: 20 hours × \$17	\$340
Income tax	\$20
Payroll tax	\$20
Net pay	\$300

Taxes in all? **\$40**

Net pay for 2 weeks? **\$600**

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GUIDE

① What this sheet practises

The difference between gross pay (what's earned) and net pay (what's left after taxes are taken out), plus kinds of tax and adding sales tax to a price.

② A problem from the sheet, worked out

A pay stub Gross pay is what you earn. Net pay is what's left after taxes.

Zed's pay stub	Amount
Gross pay: 20 hours × \$17	\$340
Income tax	\$20
Payroll tax	\$20
Net pay	\$300

Taxes in all? **\$40**
Net pay for 2 weeks? **\$600**

How: Gross pay is hours × pay per hour. Subtract every tax to find net pay. For sales tax, find the tax on each dollar of the price, then add it to the price for the total.

③ Words to know

gross pay all the money earned, before taxes

net pay what's left after taxes: take-home pay

income tax tax paid on money earned

payroll tax taken from pay for Social Security and Medicare

sales tax added to the price of things you buy

④ Watch for

- Mixing up gross and net: net pay is the smaller amount.
- Taking away only one of the taxes on the pay stub.
- Giving the tax as the answer when the question asks for the total paid.

⑤ Where it fits

BEFORE

5.NBT.B.7

Add, subtract, multiply and divide decimals to hundredths.

THIS SHEET

5.10B

Explain gross income versus net income after taxes.

⑥ Helping at home

Look at a store receipt together and find the sales tax line. Ask what the total would have been without it.