

Luna's Space Adventure

Grade 3 · Making change to \$5 · 3.NS.4

Name _____

Date _____



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

Up to the next dollar

How much more makes the next whole dollar?

\$1.25 up to \$2.00	_____	\$2.40 up to \$3.00	_____	\$2.15 up to \$3.00	_____
\$1.75 up to \$2.00	_____	\$1.15 up to \$2.00	_____	\$3.10 up to \$4.00	_____
\$3.75 up to \$4.00	_____	\$2.95 up to \$3.00	_____	\$2.20 up to \$3.00	_____

Count on to find the change

Count up from the price to what was paid.

Price \$1.00, paid \$2.00	_____	Price \$4.60, paid \$5.00	_____
Price \$2.60, paid \$5.00	_____	Price \$1.75, paid \$5.00	_____
Price \$1.05, paid \$3.00	_____	Price \$2.65, paid \$5.00	_____
Price \$2.85, paid \$3.00	_____	Price \$1.60, paid \$5.00	_____

Is there enough?

Add the prices. Is it no more than the money?

Gia has \$3.50. Is it enough for \$2.60 and 80¢?	yes	no
Ben has \$4.25. Is it enough for \$2.40 and 55¢?	yes	no
Finn has \$4.75. Is it enough for \$1.65 and \$1.85?	yes	no
Ema has \$3.50. Is it enough for \$2.55 and \$1.35?	yes	no

Story time

- ① Ben buys a book for \$3.80 and pays with a \$5 bill. How much change does Ben get?

.....

_____ 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!

Up to the next dollar How much more makes the next whole dollar?

\$1.25 up to \$2.00	<u>75¢</u>	\$2.40 up to \$3.00	<u>60¢</u>	\$2.15 up to \$3.00	<u>85¢</u>
\$1.75 up to \$2.00	<u>25¢</u>	\$1.15 up to \$2.00	<u>85¢</u>	\$3.10 up to \$4.00	<u>90¢</u>
\$3.75 up to \$4.00	<u>25¢</u>	\$2.95 up to \$3.00	<u>5¢</u>	\$2.20 up to \$3.00	<u>80¢</u>

Count on to find the change Count up from the price to what was paid.

Price \$1.00, paid \$2.00	<u>\$1.00</u>	Price \$4.60, paid \$5.00	<u>40¢</u>
Price \$2.60, paid \$5.00	<u>\$2.40</u>	Price \$1.75, paid \$5.00	<u>\$3.25</u>
Price \$1.05, paid \$3.00	<u>\$1.95</u>	Price \$2.65, paid \$5.00	<u>\$2.35</u>
Price \$2.85, paid \$3.00	<u>15¢</u>	Price \$1.60, paid \$5.00	<u>\$3.40</u>

Is there enough? Add the prices. Is it no more than the money?

Gia has \$3.50. Is it enough for \$2.60 and 80¢?

yes no

Ben has \$4.25. Is it enough for \$2.40 and 55¢?

yes no

Finn has \$4.75. Is it enough for \$1.65 and \$1.85?

yes no

Ema has \$3.50. Is it enough for \$2.55 and \$1.35?

yes no

Story time

- 1 Ben buys a book for \$3.80 and pays with a \$5 bill. How much change does Ben get?

$$5.00 - 3.80 = 1.20$$

1.2 dollars



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GUIDE

1 What this sheet practises

Making change from up to \$5 by counting up from the price, and deciding whether there's enough money for two things.

2 A problem from the sheet, worked out

Count on to find the change Count up from the price to what was paid.

Price \$1.00, paid \$2.00	<u>\$1.00</u>	Price \$4.60, paid \$5.00	<u>40¢</u>
Price \$2.60, paid \$5.00	<u>\$2.40</u>	Price \$1.75, paid \$5.00	<u>\$3.25</u>
Price \$1.05, paid \$3.00	<u>\$1.95</u>	Price \$2.65, paid \$5.00	<u>\$2.35</u>
Price \$2.85, paid \$3.00	<u>15¢</u>	Price \$1.60, paid \$5.00	<u>\$3.40</u>

How: Count up from the price: first with coins to the next whole dollar, then with dollars to what was paid. The amount counted is the change.

3 Words to know

price what something costs

change money given back when you pay more than the price

count up add on from the price to the amount paid

enough at least as much as needed

4 Watch for

- Subtracting cents from cents without regrouping: $\$5.00 - \$3.65 = \$2.45$.
- Counting up past the amount paid.
- Forgetting the second price when checking if there's enough.

5 Where it fits

BEFORE

2.MD.C.8

Solve money problems with dollars, quarters, dimes, nickels and pennies.

THIS SHEET

3.NS.4

Count, compare and make up amounts of money to \$5, and make change by counting on.

NEXT

4.MD.A.2

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

6 Helping at home

Play store with real coins and a \$5 bill. Take turns being the cashier and counting the change back.

