

Luna's Space Adventure

Grade 3 · Work, pay and prices · 3.9A

Name _____

Date _____



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

Skills and pay Pay is for one hour of work. Use the table.

Job	Training	Pay
Cashier	none	\$8
Painter	1 year	\$12
Mechanic	2 years	\$19
Engineer	4 years	\$20

Which job pays the most per hour? _____

How much does a mechanic earn in 4 hours? _____

How much more does an engineer earn than a cashier in 1 hour? _____

Scarce or plentiful? When something is scarce, its price goes up.

Tomatoes cost \$6 a box. The farms grow only half as many tomatoes as last year. \$5 \$8
Which new price makes sense?

The market has 3 oranges and 18 people want some. Are they scarce or plentiful? Scarce Plentiful

The farms grow twice as many pumpkins as last year. Will the price of pumpkins go up or down? Up Down

Pay and prices

① Nova has job training and earns \$15 an hour. Zed has no training and earns \$13 an hour. Each works 5 hours. How much more does Nova earn?
_____ dollars

② A box of moon rocks costs \$6. Then moon rocks get plentiful, and the price goes down \$1. How much do 7 boxes cost now?
_____ 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!

Skills and pay Pay is for one hour of work. Use the table.

Job	Training	Pay
Cashier	none	\$8
Painter	1 year	\$12
Mechanic	2 years	\$19
Engineer	4 years	\$20

Which job pays the most per hour?

Engineer

How much does a mechanic earn in 4 hours?

\$76

How much more does an engineer earn than a cashier in 1 hour?

\$12

Scarce or plentiful? When something is scarce, its price goes up.

Tomatoes cost \$6 a box. The farms grow only half as many tomatoes as last year. Which new price makes sense?

\$5 \$8

The market has 3 oranges and 18 people want some. Are they scarce or plentiful?

Scarce Plentiful

The farms grow twice as many pumpkins as last year. Will the price of pumpkins go up or down?

Up Down

Pay and prices

- ① Nova has job training and earns \$15 an hour. Zed has no training and earns \$13 an hour. Each works 5 hours. How much more does Nova earn?

$5 \times 15 = 75$, then $5 \times 13 = 65$, then $75 - 65 = 10$

10 dollars

- ② A box of moon rocks costs \$6. Then moon rocks get plentiful, and the price goes down \$1. How much do 7 boxes cost now?

$6 - 1 = 5$, then $7 \times 5 = 35$

35 dollars

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GUIDE

① What this sheet practises

How skills and training connect to the money people earn, and how prices change when things are scarce or plentiful. Your child reads a pay table and solves pay and price stories.

② A problem from the sheet, worked out

Skills and pay Pay is for one hour of work. Use the table.

Job	Training	Pay
Cashier	none	\$8
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How: Find the job's pay for one hour in the table, then multiply by the hours worked. To compare two jobs, find each total and subtract.

③ Words to know

income money earned from work

training time spent learning a job's skills

scarce less of it than people want

plentiful more of it than people want

④ Watch for

- Giving the pay for one hour when the question asks about several hours.
- Reading across the wrong row of the table: keep a finger on the job's row.
- Thinking scarce things get cheaper: when there's too little, the price usually goes up.

⑤ Where it fits

THIS SHEET

3.9A

Connect people's skills and work to the income they earn.

⑥ Helping at home

Talk about jobs family and friends do and the training each took. At the store, notice fruit that's cheap in season and pricier when it isn't.