

\$mart path

Level 6, Lesson 1 Adapted Guide Level A





Teacher Tip: This lesson will focus on the idea that kids can find ways to make the most of their money. They can use algebraic expressions to figure out how much money they will earn and spend in a given time. The students will also learn about comparative shopping to make sure they are getting the best price for an item.

This lesson has four vocabulary terms for students to focus on. These terms are abstract and will need reinforcement to help with comprehension. The terms are: **algebraic expression, variable, numerical expression, consideration, and comparative shopping.**

The adapted lessons are a vocabulary reinforcement lesson where students will match terms and examples, a algebraic expressions sheet, and a comparative shopping activity.

Level 6
Lesson 1
Raquel Learns About Her
Earning Potential



Welcome to Hairston Parks! Raquel is a 6th



grader who lives here. She loves reading,



animals, and is really good on her computer.



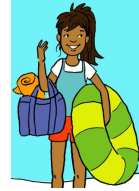
She also earns money by having her own pet



grooming business.



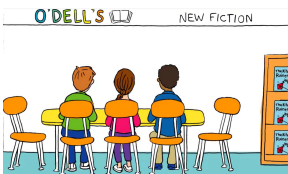
Stella is Raquel's twin sister. She is



relaxed, likes to read, and is always up

for having fun. The girls enjoy being in a

book club together.



Raquel purchases and reads the book right



away. Stella spends her money, then gets the



book with what money she has left over. It is a



problem when she doesn't have money left



over. Last month, she couldn't read the book



and she was embarrassed.

Raquel wants to make the most of her money.



She earns an allowance and money from her



grooming business. She spends money on



books. Buying a new book every month is



getting expensive. Raquel is going to look at



getting the book from different places.

She needs to compare the prices of books from



different stores to get the best deal. Raquel is



going to do some research before buying the

next book. There are lots of options: new and



used books, online stores, and electronic books.



The best option right now is for Raquel to



purchase a used book.



Level A

Algebraic Expressions

Numerical Expressions

$$A + 5 = 10$$

A math question that uses a variable.

$$5 \times 7 - 8$$

A math question that does not use variables.

Variable

$$\begin{array}{l} \textcircled{X} + 4 = 7 \\ \textcircled{Y} - 3 = 6 \end{array}$$

A letter or symbol that represents an unknown quantity.

Comparative Price



Looking at the prices of the same item at different places to find the best price.

Level A

Consideration



Something that needs to be accounted for when deciding on an action.

Match the correct term with the word problem.

Algebraic Expression	Hannah was shopping for a new volleyball. The price online was \$20. The price at the sports store was \$25. And her friend was selling a volleyball for \$5. She bought the ball from her friend.
Numerical Expression	Nate wanted to buy a new drum set. He had to think about how much space he had before making a purchase.
Variable	Pat likes to eat x sandwiches a week. How many sandwiches does Pat eat in 4 weeks?
Comparative Price	$x=5$
Consideration	Nick has 7 tickets to the soccer game. He gives away 3 tickets. How many tickets does he have left? $7-3=4$

Cut the pieces out below and rearrange them to make the expressions true. $X=5$

X	*	4	=	20
=	5	10	+	X
14	-	=	X	9
25	X	*	X	=
11	=	-	6	X
30	=	6	X	*

Look at the these items at three different stores. Circle the best deal. If you could only shop at one of the stores which one would you shop at?

Item	Hannah's Hot Items	Nate's Nice Supplies	Grant's Good Deals
	\$5	\$7	\$10
	\$21	\$15	\$20
	\$12	\$10	\$15
	\$25	\$20	\$30

Which store would you shop at? _____ Level A

\$mart path

Level 6, Lesson 1
Adapted Guide
Level B

Level 6
Lesson 1
Raquel Learns About Her
Earning Potential



Welcome to Hairston Parks! Raquel is a 6th



grader who lives here. She loves reading,



animals, and her computer. She earns money



by having her own pet grooming business.

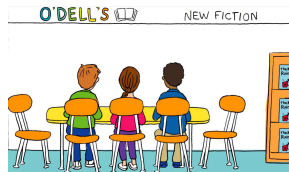


Stella is Raquel's twin sister. She



is relaxed, likes to read, likes fun!

The girls are in a book club

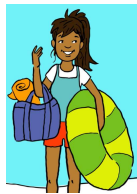


together.

Raquel buys and reads the book right



away. Stella spends her money, then



gets the book. It is a problem when



she doesn't have money left over.



Raquel wants to make the most of her



money. She earns money each month. She



spends money on books. Buying a new



book every month is getting expensive.



Raquel is going to look finding a cheaper



option for a book.

She needs to compare the prices to get the best



deal. Raquel is going to look at options before



buying the next book. There are new and used



books, online stores, and electronic books. The



best option right now is for Raquel to purchase a



used book.



Algebraic Expressions

Numerical Expressions

$$A + 5 = 10$$

A math question that uses a variable.

$$5 \times 7 - 8$$

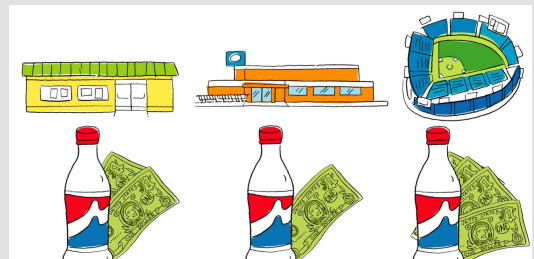
A math question that does not use variables.

Variable

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A letter or symbol that represents an unknown quantity.

Comparative Price



Looking at the prices of the same item at different places to find the best price.

Level B

Consideration



Something that needs to be accounted for when deciding on an action.

Match the correct term with the word problem.

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x	*	2	=	10
=	5	10	+	x
14	-	=	x	9
15	x	*	3	=
11	=	-	6	x
30	=	6	x	*

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	\$15	\$10	\$20
	\$10	\$5	\$15
	\$25	\$20	\$30

Which store would you shop at? _____

Level B

\$mart path

Level 6, Lesson 1
Adapted Guide
Level C

Level 6
Lesson 1
Raquel Learns About Her
Earning Potential



Raquel is a 6th grader who lives



here. She loves reading, animals,



and her computer. She earns



money.

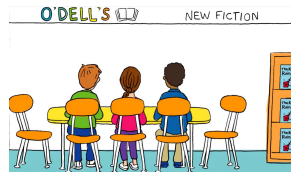


Stella is Raquel's twin sister. She



likes to read, and have fun! The

girls are in a book club.



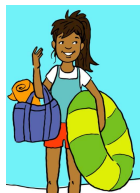
Raquel buys the book right away.



Stella spends her money, then gets



the book. She can't get the book if she



spends her money.



Raquel wants to make the most of



her money. She spends money on



books. Raquel is going to look



finding a cheaper option for a book.



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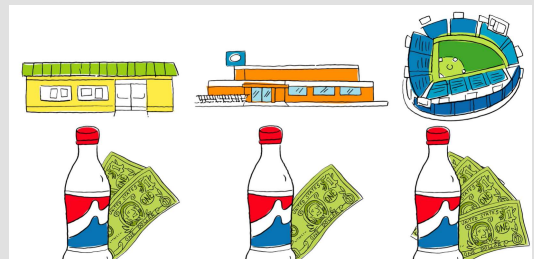
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Variable

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A letter or symbol that represents an unknown quantity.

Comparative Price



Looking at the prices of the same item at different places to find the best price.

Level C

Consideration



Something that needs to be accounted for when deciding on an action.

Match the correct term with the word problem.

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Consideration	Nick has 7 tickets to the soccer game. He gives away 3 tickets. How many tickets does he have left? $7-3=4$

Cut the pieces out below and rearrange them to make the expressions true. $X=5$

x	+	2	=	7
=	5	10	+	x
7	-	=	x	2
8	x	+	3	=
11	=	-	6	x
1	=	6	x	-

Look at the these items at three different stores. Circle the best deal. If you could only shop at one of the stores which one would you shop at?

Item	Hannah's Hot Items	Nate's Nice Supplies	Grant's Good Deals
	\$1	\$2	\$3
	\$3	\$1	\$2
	\$2	\$1	\$3
	\$2	\$1	\$3

Which store would you shop at? _____ Level C