

Buying My First New Car

By J. Díaz and J. Pinheiro

Topic		Key Vocabulary	
Percent/Fractions/Decimals		percent	discount
Buying my first new car		retail price	fraction
		decimals	invoice-price
		interest	financing
		installments	
Resources			
Literature	Manipulatives	Visuals	
Teacher's Customize math word problems	Chart paper	Percent/decimals	
Bits & Pieces I	Ruler	Fraction chart	
Word history hand-out	Calculator	Customized computer chart	
	Color pencils	Newspaper pictures	
	Chart	Internet pictures	
Major Project(s)			
Help classmate buy a new car: Visual display/oral presentation/written results/role play			
Major Activities/Steps (Steps leading to the completion of the project)			
Internet research to find interest rate on cars and help her calculate financing, total price, and monthly installments	Research internet Sites (autoweb.com, carpoint.com) -Calculate financing -Calculate total price	Written work: Collins writing Type – 2 Type – 3 Interpret interest chart Role play the car's	

	-Calculate monthly installments	purchase	
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BROCKTON PUBLIC SCHOOLS

Name: _____

Date: _____

In this lesson you have learned different words about buying a car:

- **Percent**
- **Retail-price**
- **Invoice-price**
- **Interest**
- **Financing**
- **Discount**
- **Installment**

Pick 3 topics and write a sentence about each one of them. Tell us the most important thing you learned about that topic.

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Name: _____

FCA's

Date: _____

1. Correct answer = 50 pts.
2. Vocabulary words = 40 pts.
3. Complete sentences = 10 pts.

Title: Iris' Dream Car

- **Explain how would you calculate the total price on Iris' car?**
- **Use complete sentences.**
- **Use 3 or more of these vocabulary words: percent, financing, installment, interest, discount, retail-price, invoice-price**

MATH VOCABULARY WORDS

per·cent also **per cent** *adv.* *Abbr.* **p.c.**, **pct.** **1.** Out of each hundred; per hundred. -- *n.* **percent** also **per cent.** One part in a hundred: *The report states that 42 percent of the alumni contributed to the endowment.*

dec·i·mal *n.* *Mathematics.* **1.** a linear array of integers that represents a fraction, every decimal place indicating a multiple of a negative power of 10. for example, the decimal $0.1=1/10$, $0.12=12/100$, $0.003=3/1000$. Also called decimal fraction.

frac·tion **1.** *Mathematics.* An expression that indicates the quotient of two quantities.

in·ter·est *n.* *Abbr.* **i.**, **int.** **1.** A charge for a loan, usually a percentage of the amount loaned.

rate *n.* A charge or payment calculated in relation to a particular sum or quantity: *interest rates.*

re·tail **1.** the sale of goods or commodities in small quantities directly to consumers.

to·tal *n.* **1.** *Abbr.* **tot.** An amount obtained by addition; a sum.

val·ue *n.* *Abbr.* **val.** **1.** An amount, as of goods, services, or money, considered to be a fair and suitable equivalent for something else; a fair price or return.

fi·nance *n.* **1.** **fi·nanced**, **fi·nanc·ing**, **fi·nanc·es.** **1.** to provide or raise the funds or capital for: *financed a new car.*