Tax, Tips, and Fees

Money to the cent. Show the extra and the total, and for the one-step way write the multiplier.

Name _____ Date _____

Words we use say the math word, then the plain English

WORD	PLAIN ENGLISH	WHAT YOU DO
Sales tax	Money added to a price that goes to the government.	Multiply the price by 1 plus the rate: 1.07 for 7 percent.
Tip	Extra money you give for good service.	Find 10 percent, then build to the tip you want.
Fee	A charge added on.	Same as tax: multiply by 1 plus the rate.
Commission	The share of a sale a salesperson earns.	Multiply the sales by the rate. It is not added to the price.
Total	Everything you pay.	Price plus tax, tip, or fee.
107 percent	The price plus 7 percent.	One multiplier, 1.07, does both steps.

Part A Tax

1. A $40 game, 7 percent tax. Find the tax, then the total two ways.

2. A $250 bike, 7 percent tax. Total in one step.

3. A $12.99 toy, 7 percent tax. Total to the cent.

Part B Receipt

HEADPHONES	
Subtotal	$60.00
Tax (7%)	
Total	

Part C Tips in your head

BILL	10%	TIP WANTED	TIP	TOTAL
$35		20%		
$24		15%		
$58		10%		
$50		18%		

Part D Fees and commission

1. A $50 ticket with a 12 percent fee. What do you pay?

2. $1,200 of shoes sold at 5 percent commission. What does the salesperson earn? What did the customers pay?

3. A $400 phone: 2 percent fee for the customer, 3 percent commission for the clerk. Customer pays? Clerk earns?

Part E Exit ticket

1. A $24 meal, 15 percent tip. The tip and the total?

2. What one number adds 7 percent tax?

3. Does the customer pay a salesperson's commission?

Answer key

Part A. 1. $2.80; $42.80 both ways. 2. $267.50. 3. $13.90.

Part B. Tax $4.20, total $64.20.

Part C. $35: $3.50, $7.00, $42.00. $24: $2.40, $3.60, $27.60. $58: $5.80, $5.80, $63.80. $50: $5.00, $9.00, $59.00.

Part D. 1. $56. 2. $60; $1,200. 3. $408; $12.

Part E. 1. $3.60; $27.60. 2. 1.07. 3. No, it comes out of the sale.