Name _____KEY_____ Date _____

Puzzle Time

What Does A Monster Say When Introduced?

Write the letter of each answer in the box containing the exercise number.

Find the sale price or the selling price.

1. $99 watch with a 40% discount E

2. $32 earrings marked up 80% O

3. $59 cell phone with a 10% discount U

4. $65 digital camera marked up 50% E

5. $35 soccer cleats marked up 95% T

Find the original price.

A 6. swimsuit discounted 65% on sale for $20.30 $\frac{35}{100} = \frac{20.3}{x}$

D 7. tennis racket marked up 50% to $36.75 $1.5x = 36.75$

A 8. backpack discounted 10% on sale for $37.80 $0.9x = 37.80$

L 9. tickets marked up 35% to $59.40 $1.35x = 59.40$

S 10. perfume discounted 25% on sale for $27 $0.75x = 27$

Answers for Exercises 1–10	
T. $68.25	**U.** $53.10
E. $97.50	**A.** $42
L. $44	**O.** $57.60
A. $58	**D.** $24.50
S. $36	**E.** $59.40
P. $149	**Y.** $30
E. $3.50	**T.** $22.54
O. $35.31	

Mixed Practice.

O 11. Mrs. Stephan took her children to pick out pumpkins. Carter picked out a pumpkin priced $20, and Isabelle picked out a pumpkin priced $13. How much did Mrs. Stephan pay for both pumpkins, including 7% sales tax? $33 \cdot 1.07 = 35.31$

Y 12. Mrs. Page bought a new singing outfit. After 7.5% sales tax, she paid $32.25. What was the original price of the outfit? $1.075x = 32.25$

T 13. Ms. Melton went out to dinner with her daughter. The price of the meal was $18.49. How much did Ms. Melton pay total after 6% tax and a 15% tip?

P 14. Ms. Martin ordered new pom poms for her cheerleaders. She paid $157.94, which included 6% sales tax. How much were the pom poms before tax? $1.06x = 157.94$

E 15. Walmart marked up a bottle of nail polish 150% in order to make a profit. If Walmart sells the nail polish for $8.75, what was the original cost of the polish? $2.5x = 8.75$

14	9	1	6	10	4	7		13	2		15	8	5		12	11	3
P	L	E	A	S	E	D		T	O		E	A	T		Y	O	U