PERCENT PROBLEMS PARTNER WORKSHEET AND PUZZLE

SIDE A

1. What is 25% of 32?

_____

2. 20% of what number is 12?

_____

3. 8 is what percent of 50?

_____

4. What is 200% of 60?

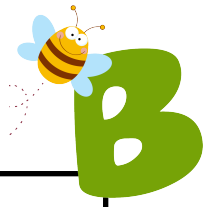
_____

5. 75 is what percent of 300?

_____

6. You want to buy a new TV that was originally $500. It is now on sale for $350. What was the percent change in price?

_____



SIDE B

1. What is 50% of 16?

_____

2. What is 120% of 50?

_____

3. 4 is what percent of 25?

_____

4. What is 300% of 40?

_____

5. You want to buy a new iPad that was $600. It is now on sale for $450. What was the percent change in price?

_____

6. What percent of 80 is 24?

_____

PERCENT PROBLEMS PUZZLE

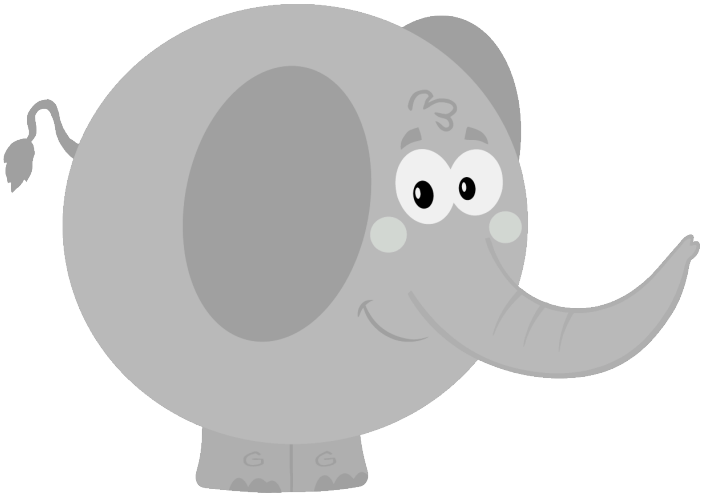
1. If you want to buy a sweater that costs $15, you will have to pay 5% tax. How much tax will you have to pay? **G**	2. A gallon of gas cost $3.50 at the beginning of the month. At the end of the month it cost $3.75. What was the percent change in the price of a gallon of gas? **M**
3. After Christmas, a store puts all of its inventory on sale for 25% off. If you bought something for $60 before Christmas, how much would you pay for it after Christmas? **N**	4. If a new video game costs the store $25 and they sell it for $37.50, what was the percent markup? **T**
5. What is 37% of 120? **N**	6. 5 is what percent of 30? **S**
7. 150% of 200 is what? **S**	8. If you got 27 questions correct on a test that has 32 questions, what percent of the questions did you correct on the test? **U**
9. Find 33% of 200. **W**	10. 15% of 425 is what? **I**
11. If 225 of the students in your school attend the basketball game, 45% of the students attended. How many total students are in your school? **A**	12. An album at iTunes usually costs $9.00. iTunes is having a sale and everything is 20% off. How much will you pay for the album? **I**

13. A furniture company buys a dining room table for $120 and marks it up 40%. How much will they sell it for? **R**	14. The table is not selling very well, so the company decides to run a 20% off sale. How much will the discount to the customer be? **E**
15. What will the sale price of the table be? **M**	16. A customer decides to buy the table while it is on sale. He has to pay 6% tax on the item, what will the table's final cost be? **K**

WHAT DO YOU GET WHEN YOU CROSS A FISH WITH AN ELEPHANT?

300	66	$7.20	7.1%	$134.40	63.75	44.4	$0.75

50%	$168	84.4%	$45	$142.46	16.7%



This partner worksheet is designed for students to do while working with a partner. Each student should work independently to solve their own problem on their half of the worksheet. After finding their own answer, students should compare the answer they obtained with their partner's answer. Each partner should get the same answer for each problem, although they solved a different problem.

The teacher can allow the students to work together in a variety of ways. The teacher could cut apart each worksheet and only give each student half of the piece of paper and then allow them to compare at the end of the activity. Or, the teacher could give each set of two students one piece of paper. Then, the students could compare as soon as they are both done.

ANSWERS:

(worksheet with side A and B)

1. 8
2. 60
3. 16%
4. 120
5. 25%
6. 30%

(puzzle worksheet)

1. $0.75
2. 7.1%
3. $45
4. 50%
5. 44.4
6. 16.7%
7. 399
8. 84.4%
9. 66
10. 63.75
11. 500
12. $7.20
13. $168
14. $33.60
15. $134.40
16. $142.46

ANSWER TO RIDDLE: Swimming trunks

THANK YOU FOR PURCHASING THIS ACTIVITY.

I HOPE YOU ENJOY IT!

I welcome your comments and suggestions to enhance this project.

I would appreciate you leaving feedback for this activity on the Teachers Pay Teachers website.

I also have a blog – please visit and follow if you are interested.
http://teachinghighschoolmath.blogspot.com

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