Discount and Tax Day 2 HW Name _____

1. Jessica is going to buy binoculars. She notices that they and on sale and wants to figure out the percent she will pay in comparison to the original amount.

2. Mary buys 2 sweaters for $13.50 after a 15% discount. What is the original price for one of the sweaters?

3. Samantha bought two new pairs of soccer cleats for $115.00. There was a 30% off sale at the store. What was the original price for one pair of cleats?

What percent did Samantha pay? _____

4. Yoshi decides to buy 3 shirts at 20% off the original price of $15.99 each. At the register, he scratches a coupon that tells him that he will receive an additional 5% off his total. What does he actually pay, including the 8% sales tax, for the three shirts? **Use the back for more room!**

Discount and Tax Day 2 HW Name Key

1. Jessica is going to buy binoculars. She notices that they and on sale and wants to figure out the percent she will pay in comparison to the original amount.

$\frac{x}{100} = \frac{17.70}{29.50}$

$1770 = 29.50x$

$\div 29.50 \quad \div 29.50$

$60 = x$

60% of the Original Amount

2. Mary buys 2 sweaters for $13.50 after a 15% discount. What is the original price for one of the sweaters?

100% − 15% = 85% spent

13.50 ÷ 2 = $6.75 for 1

Sale price / Original price

$\frac{85}{100} = \frac{6.75}{x}$

$675 = 85x$

$\div 85 \quad \div 85$

$7.94 = x$

$7.94 for 1 sweater

. Samantha bought two new pairs of soccer cleats for $115.00. There was a 30% off sale at the store. What was the original price for one pair of cleats?

What percent did Samantha pay? 70%

115.00 ÷ 2 = $57.50

Sale price / Original price

$\frac{70}{100} = \frac{57.50}{x}$

$5750 = 70x$

$\div 70 \quad \div 70$

$82.14 = x$

$82.14 for 1 pair of cleats

4. Yoshi decides to buy 3 shirts at 20% off the original price of $15.99 each. At the register, he scratches a coupon that tells him that he will receive an additional 5% off his total. What does he actually pay, including the 8% sales tax, for the three shirts? **Use the back for more room!**

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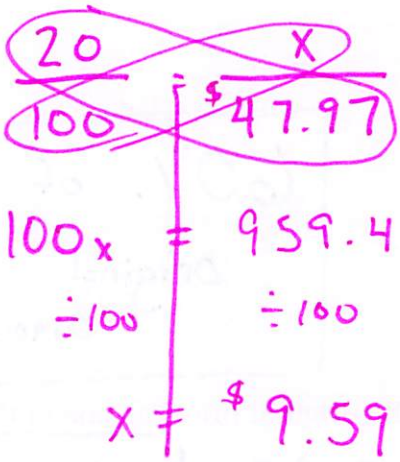
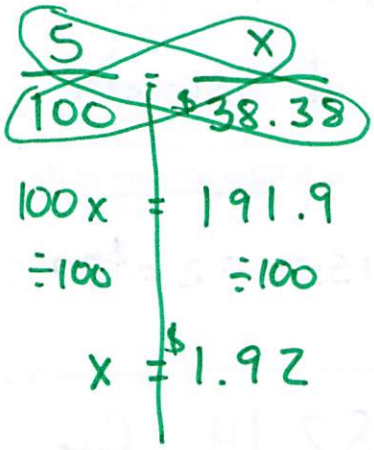
3 shirts x $15.99 = $47.97

20% off original



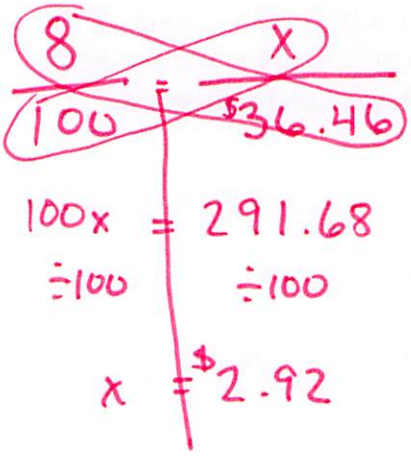
$47.97
- 9.59
$38.38

Take off an additional 5%.



$38.38
- 1.92
$36.46

8% Tax



$36.46
+ 2.92
$39.38
total