Percents Applications Day 2 Name _____

SHOW ALL WORK!

1. The regular price of the Beautiful Hair product is $5.00. Alicia wants to figure out what percent discount this is.

2. A skateboard is on sale for 25% off. If the sale price is $24.95, what was the original price?

What percent did you pay? _____

3. Jan went shopping and paid $89.00 for 4 new skirts. There was a 25% off sale going on at the store that day. What was the original price for one skirt?

What percent did Jan pay? _____

4. Each year the Mannel Department Store has a big end-of-summer sale. At the sale they give customers an additional 25% off on all mark-down merchandise.

a. A beach towel had an original price of $22. It was marked down 10%. What is the final price after the additional 25% discount?

b. Would it be the same sale price if the store just discounted the towel 35%?

5. Bailey's mom wants to buy her daughter a toy doll house for Christmas. The doll house has an original price of $75 but is on sale at two different stores.

- Toys-R-Them – 25% off the original price
- Floor-Mart – 15% off but take an additional 15% off at the register

Which store should Baily's mom buy the doll house from?

Percents Applications Day 2 Name Key

SHOW ALL WORK!

1. The regular price of the Beautiful Hair product is $5.00. Alicia wants to figure out what percent discount this is.

discount / original

X / 100 = $1.50 / $5.00

150 = $x

÷5 ÷5

30 = X

30% off

2. A skateboard is on sale for 25% off. If the sale price is $24.95, what was the original price?

What percent did you pay? 75%

Sale price / Original price

75 / 100 = 24.95 / X

2495 = 75x

÷75 ÷75

$33.27 = X

$33.27 for skateboard

3. Jan went shopping and paid $89.00 for 4 new skirts. There was a 25% off sale going on at the store that day. What was the original price for one skirt?

What percent did Jan pay? 75%

$89 ÷ 4 = $22.25 sale price

Sale Price / Original Price

75 / 100 = 22.25 / X

2225 = 75x

÷75 ÷75

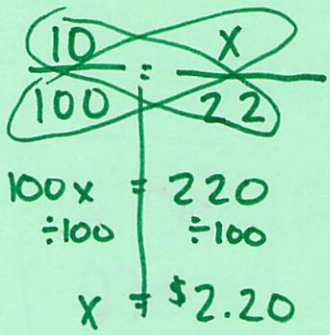
$29.67 = X

$29.67 for one skirt

4. Each year the Mannel Department Store has a big end-of-summer sale. At the sale they give customers an additional 25% off on all mark-down merchandise.

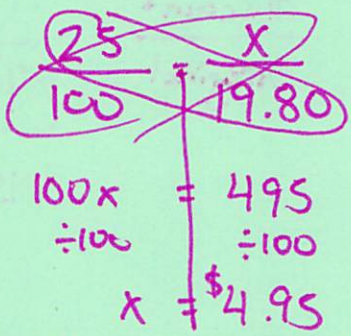
a. A beach towel had an original price of $22. It was marked down 10%. What is the final price after the additional 25% discount?

10% Markdown



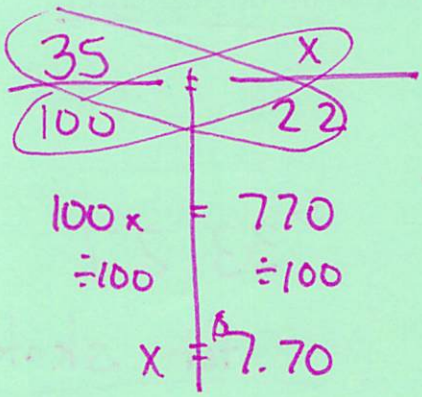
22.00
- 2.20
$19.80

Additional 25% off



19.80
- 4.95
$14.85 total

b. Would it be the same sale price if the store just discounted the towel 35%?



22.00
- 7.70
$14.30 total

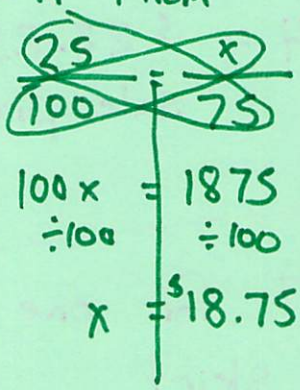
5. Bailey's mom wants to buy her daughter a toy doll house for Christmas. The doll house has an original price of $75 but is on sale at two different stores.

- Toys-R-Them – 25% off the original price
- Floor-Mart – 15% off but take an additional 15% off at the register

CHEAPER

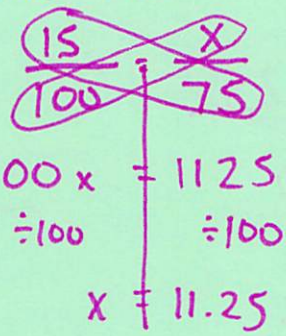
Which store should Baily's mom buy the doll house from?

Toys-R-Them



75.00
- 18.75
$56.25

Floor-Mart



75.00
- 11.25
63.75

THEN

15/100 = x/63.75
100x = 956.25
÷100 ÷100
x = 9.56

63.75
- 9.56
$54.19