

Training Mission - Old Turquoise Answer Key

The fashionable clothing store, Old Turquoise, is offering a discount shopping pass for two weeks. Each week there is a new deal. Dr. Winifred Patterson would like to take advantage of the sale, but being so efficient, would only like to take advantage of the deal that will save her the most money.

Directions: Calculate the savings for each of the weekly deals. Write your findings in the chart below.

Old Turquoise Summer Shopping Pass
Week 1 Coupon Buy 3 hats and receive 2 belts for free
Week 2 Coupon 15% off 5 pairs of jeans

Old Turquoise Pricing	
Jeans	\$40/pair
Shirts	\$32 each
Socks	\$3.50/pair
Hats	\$11.90each
Belts	\$13.50each

Week 1 Coupon

Step 1: Read through the **Week 1** coupon.

Step 2: Consult the chart to find the cost of 1 hat and 1 belt.

1 hat - \$ 11.90

1 belt - \$ 13.50

Step 3: Find the cost of 3 hats and 2 belts. Show all work in the box below.

3 hats - \$ 35.70

2 belts - \$ 27.00

Show all work here:

$$\underline{11.90 \times 3 = 35.70}$$

$$\underline{2 \times 13.50 = 27.00}$$

Step 4: Explain how much money you will save if you use the **Week 1** Coupon.

The Week 1 Coupon will save the customer \$27.00.

Step 5: Are there any steps above that can be eliminated? If so, which ones and why?

Answers may vary. It is not necessary to find out how much the hats cost in order to find out how much savings the coupon will provide.

Week 2 Coupon

Step 1: Read through the **Week 2** coupon.

Step 2: Consult the chart to find the cost of 1 pair of jeans.

1 pair of jeans - \$ 40.00

Step 3: Find the cost of 5 pairs of jeans. Show all work in the box below.

5 pairs of jeans - \$ 200.00

Show all work here: $40 \times 5 = 200$

Step 4: Calculate the 15% discount on 5 pairs of jeans. To find the discount, convert the percentage discount to a fraction or decimal then multiply it by the cost of 5 pairs of jeans.

.15 or 15/100

x

200

=

\$ 30.00 Discount

% Discount
converted to
fraction or decimal

Cost of 5 Pairs of
Jeans

Sum it Up: Complete the table below to show which coupon offers a bigger savings.

Week 1 Savings	Week 2 Savings	Which week offers the biggest savings?
<u>\$27.00</u>	<u>\$30.00</u>	<u>Week 2 offers a greater savings</u>