

**Markdown Rate****Numeric Response**

1. Stores frequently sell their products at reduced amounts known as sale prices. The markdown or discount is the amount below the regular price. The formula for calculating the markdown and markdown rate is shown below:

$$\text{Markdown} = \text{Regular Selling Price} - \text{Sale Price}$$

$$\text{Markdown\_Rate} = \frac{\text{Markdown}}{\text{Regular\_Selling\_Price}}$$

Lamont Gonzalez went to a book store that was having a sale. Lamont paid a total of \$27.97 for four books that regularly sell for \$12.87, \$8.04, \$12.83, and \$8.64. What is the markdown rate? Express your answer to the nearest percent.

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Marvin Gatling went to the local Shop-2-Save and saw a list of discounts in the sales flyer. What is the markdown rate for the pasta sauce? Express your answer to the nearest percent.

Original Price	Item	Sale Price
\$6.75	Plaid Scarf	\$5.67
2.61	Peach Salad	2.09
4.17	Pumice Soap	3.67
2.51	Pasta Sauce	1.98

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Marvin Gatling went to the local Evil Emporium and saw a list of discounts in the sales flyer. If the markdown rate should be 20% for all items, which item number has an error in its sale price?

Original Price	Item #	Sale Price
\$7.20	1	\$5.76
2.08	2	1.68
3.87	3	3.10
3.79	4	3.03

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Lamont Cornejo saw an ad in the local paper for the Get'n Grab. There was a sale with an oak table that was marked down \$54 to a sale price of \$126.03. What is the markdown rate? Express your answer to the nearest percent.

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Lamont Martinez went to a book store that was having a sale. Lamont paid a total of \$32.69 for four books that regularly sell for \$8.54, \$10.90, \$12.51, and \$12.83. What is the markdown rate? Express your answer to the nearest percent.

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Adyn Arnold went to the local Big Bargain Box and saw a list of discounts in the sales flyer. What is the markdown rate for the peach salad? Express your answer to the nearest percent.

Original Price	Item	Sale Price
\$3.65	Plaid Scarf	\$2.48
3.93	Peach Salad	2.67
3.87	Pumice Soap	2.59
3.63	Pasta Sauce	2.80

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Keith James went to the local Big Bargain Box and saw a list of discounts in the sales flyer. If the markdown rate should be 24% for all items, which item number has an error in its sale price?

Original Price	Item #	Sale Price
\$5.50	1	\$4.18
2.13	2	1.62
3.79	3	2.84
3.50	4	2.66

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$$\text{Markdown\_Rate} = \frac{\text{Markdown}}{\text{Regular\_Selling\_Price}}$$

Bertha Gonzalez saw an ad in the local paper for the Evil Emporium. There was a sale with an oak table that was marked down \$36 to a sale price of \$131.50. What is the markdown rate? Express your answer to the nearest percent.

**Markdown Rate  
Answer Section**

**NUMERIC RESPONSE**

1. ANS: 34

PTS: 1

2. ANS: 21

PTS: 1

3. ANS: 2

PTS: 1

4. ANS: 30

PTS: 1

5. ANS: 27

PTS: 1

6. ANS: 32

PTS: 1

7. ANS: 3

PTS: 1

8. ANS: 21

PTS: 1

