

What's on Sale? Discount Sample

Example 1: A special offer:

Spend \$250 receive a \$25 gift card
Spend \$500 receive a \$50 gift card
Spend \$750 receive \$75 gift card

Example 2: Reduced prices

Regular price \$250.00
Special price \$109.99
Morning special between 9 a.m. and noon: \$99.99

Example 3: Special extra 20% off

Example 4: Extra 40% off already reduced home clearance prices

Example 5: Spend your \$10.00 savings pass on purchases of \$25.00 or more

Two formulas to calculate the new sale price

- A. $\text{Price} - (\text{Price} \times \text{Discount}) = \text{Sale Price}$
B. $(1 - \text{Discount}) \times \text{Price} = \text{Sale Price}$

Example 1

A notebook costs \$2.00. The school store is offering a 25% discount.
What is the new sale price of the notebook?

A. $\$2.00 - (\$2.00 \times .25) = \$2.00 - \$0.50 = \$1.50$

B. $(1 - .25) \times \$2.00 = .75 \times \$2.00 = 1.50$

Example 2:

A backpack cost \$10.75. The item is now on sale for 10% off. What is the new sale price of the backpack?

A. $\$10.75 - (\$10.75 \times .10) = \$10.75 - \$1.075^* = \$10.75 - \$1.08 =$
 $\$9.67$

(* round \$1.075 to \$1.08)

B. $(1 - .10) \times \$10.75 = .90 \times \$10.75 = \$9.675$ or $\$9.68^*$

Due to rounding your answers may vary by a penny using one method versus the other.

Example 3:

A can of tennis balls costs \$1.98. The sporting goods store has them on sale for 50% off. What is the new sale price of a can of tennis balls?

A. $\$1.98 - (\$1.98 \times .50) = \$1.98 - \$0.99 = \$0.99$

B. $(1 - .50) \times \$1.98 = \0.99

What's on Sale? Items on Sale

*Can you help RG and Hannie
calculate the new sale prices?*



Student Name: _____

	RG Item#	Page#	Item Name	Retail Price	Sale %	New Sale Price
1	67176	3	Retro Pencils		10%	
2	67175	3	Pet Silhouettes Pencils		25%	
3	67124	3	Astral Wonders Pencils		50%	
4	67183	13	Munchin Mike Sharpener		10%	
5	67037	13	Pirahna Sharpener		25%	
6	65627	17	Mouse Sharpener		75%	
7	67137	19	Erasing Grip		50%	
8	67306	21	Criss Cross Critters		75%	
9	64259	22	Happy Cap Erasers		25%	
10	66993	29	Dessert Erasers		10%	
11	67027	28	Twister Eraser		10%	
12	67099	31	Mini Fish Erasers		25%	
13	67039	36	G Mechanical Pencil		10%	
14	67013	37	Traction Mechanical Pencil		50%	
15	66315	37	Cushion Click Mechanical Pencil		25%	
16	61152	39	.7mm Value Lead		75%	
17	66967	44	Study Buddy Inferno		10%	
18	66685	45	6 Color Pen		50%	
19	65581	52	Bracelet Pen		25%	
20	66921	61	Twister Pen		10%	

Price is subject to change and based on current Raymond Geddes catalog retail price.

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What's on Sale? Items on Sale Key

	RG Item#	Page#	Item Name	Retail Price	Sale %	New Sale Price
1	67176	3	Retro Pencils	\$0.20	10%	\$0.18
2	67175	3	Pet Sillouettes Pencils	\$0.20	25%	\$0.15
3	67124	3	Astral Wonders Pencils	\$0.20	50%	\$0.10
4	67183	13	Munchin Mike Sharpener	\$0.50	10%	\$0.45
5	67037	13	Pirahna Sharpener	\$0.50	25%	\$0.38
6	65627	17	Mouse Sharpener	\$0.50	75%	\$0.13
7	67137	19	Erasing Grip	\$0.35	50%	\$0.18
8	67306	21	Criss Cross Critters	\$0.15	75%	\$0.04
9	64259	22	Happy Cap Erasers	\$0.05	25%	\$0.04
10	66993	29	Dessert Erasers	\$0.15	10%	\$0.14
11	67027	28	Twister Eraser	\$0.35	10%	\$0.32
12	67099	31	Mini Fish Erasers	\$0.50	25%	\$0.38
13	67039	36	G Mechanical Pencil	\$0.35	10%	\$0.32
14	67013	37	Traction Mechanical Pencil	\$0.35	50%	\$0.18
15	66315	37	Cushion Click Mechanical Pencil	\$0.35	25%	\$0.26
16	61152	39	.7mm Value Lead	\$0.40	75%	\$0.10
17	66967	44	Study Buddy Inferno	\$0.50	10%	\$0.45
18	66685	45	6 Color Pen	\$0.75	50%	\$0.38
19	65581	52	Bracelet Pen	\$0.40	25%	\$0.30
20	66921	61	Twister Pen	\$0.35	10%	\$0.32

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What's on Sale? Assessment of Student Progress

Use the following summary to assess a student's abilities and performance throughout the lesson. Share this assessment with students at the start of the lesson so that they have an understanding of how they will be assessed prior to beginning the Exploring and Learning section. The tool can be used as a basis for providing feedback to students. Use the scale below to score each of the following items:

Making Connections:

____ Student participates in discussion by offering answers to one or more of the questions asked by the teacher.

Exploring and Learning

____ Student understands assigned role within cooperative learning group and completes the tasks accordingly.

____ Student identifies one or more sale advertisements in newspaper.

____ Student works with partner to locate retail prices, calculate new sale price and complete worksheet.

____ The student uses calculator to compute sale prices by converting the percentage provided into a decimal or fraction.

____ The worksheet contains accurate sale prices.

SCALE

4 – Excellent

Student completes the activity, task or assignment with no errors and demonstrates mastery of concepts and/or lesson objectives.

3 – Good

Student completes the activity, task, or assignment with few major errors and demonstrates an understanding of the concepts and/or lesson objectives.

2 – Fair

Student completes the activity, task, or assignment with some major errors and demonstrates difficulty with the concepts and lesson objectives.

1 – Poor

Student does not complete the activity, task, or assignment and demonstrates no understanding of the concepts and/or lesson objectives.