

8th Grade Math Exit Test – Part 1

Addition & Subtraction

$$\begin{array}{r} 1. \ 238,467 \\ + \ 2,223 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 2,294 \\ + \ 120 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ 94,624 \\ + \ 3,415 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \ 234,945 \\ - \ 4,651 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \ 647,458 \\ - \ 6,471 \\ \hline \end{array}$$

Multiplication & Division

$$\begin{array}{r} 1. \ 41,614 \\ \times \ 45 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 64,159 \\ \times \ 375 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ 64,158 \\ \times \ 64 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \ 82,174 \\ \times \ 733 \\ \hline \end{array}$$

$$5. \ 34 \overline{) 4975}$$

$$6. \ 62 \overline{) 8934}$$

$$7. \ 11 \overline{) 6457}$$

Decimals & Percentages

Convert each of the following percentages into a decimal.

Hint: percentage divided by 100 (move decimal 2 spaces to the left)

1. 83 %

2. 46 %

3. 219 %

4. 8671 %

Convert each of the following decimals into a percentage.

Hint: Decimal times 100 (move decimal 2 spaces to the right)

5. 1.8

6. 64.4

7. .64

8. 6.74

Sales Tax & Discounts

Using the chart below, calculate the sales tax for each item.

(Include dollar and cents (Example: \$0.00))

Item and Price	Sales Tax and Total Cost			
	10%	15%	20%	25%
 \$10.00 (before sales tax)	\$ \$11.00	\$ \$11.50	\$ \$12.00	\$ \$12.50
 \$50.00 (before sales tax)	\$ \$55.00	\$ \$57.50	\$ \$60.00	\$ \$67.50
 \$100.00 (before sales tax)	\$ \$110.00	\$ \$115.00	\$ \$120.00	\$ \$125.00

Using the information in the chart below, calculate the sales price for each item

(Include dollars and cents - (example: \$0.00))

Item	Sale Price	Discount	Original Price
Charcoal grill	\$	10%	\$70.00
Gas grill 2 burner	\$	0%	\$245.00
Gas grill 2 burner stainless	\$	5%	\$257.25
Deluxe stainless grill	\$	7%	\$481.50
Grilling tools	\$	10%	\$49.50
Digital temperature probe	\$	10%	\$104.50
Wood pellet smoker 450	\$	0%	\$999.00
Wood pellet smoker 600	\$	25%	\$1,363.95
Wood pellet smoker 900	\$	25%	\$1,678.95
Wood pellets hickory	\$	10%	\$20.99
Wood pellets gourmet blend	\$	15%	\$22.99