

Name: ..... Class: .....

Multi Step Word Problems

a.

Gunner has a room full of shoes. She has about 706 pairs of designer shoes because of her love for shoes. Yesterday, she gave 32 pairs of the shoes to her friend. She equally selected 212 pairs of the shoes and gave it out to the less privilege people on the street. She also had to share the rest betwe. She also shared the rest equally with her two sisters.

How many pairs of shoes is she left with if she bought 17 additional pairs of designer shoes today?

b.

During home coming vacation, Everleigh bought her brother, Mathias 9 gifts costing \$29 each. He also bought his other brother, Legend 9 gifts costing \$20 each and he equally bought his younger sister, Autumn 10 different toys costing \$8 each.

How much money did she spend in all?

c.

If the cost of sixty-six assorted 24-packets of crayon is \$528, what is the cost of twenty-one assorted 24-packets of crayon?

d.

Fine the average of the following numbers:  
18, 26, 16, 9 and 16.

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a. Number of pairs of shoes Gunner has = 706

$$\begin{aligned} \text{Number of pairs of shoes she gave} &= \text{part for her friend} + \text{part for the less privilege} \\ &= 32 + 212 \\ &= 244 \end{aligned}$$

Number of pairs of shoes she remind with after sharing with her two sisters =

$$\frac{(\text{Number of pairs of shoes she had} - \text{Number of pairs of shoes she gave})}{3} = \frac{706 - 244}{3}$$

$$\begin{array}{r} 154 \\ 3 \overline{) 462} \\ \underline{3} \phantom{0} \\ 16 \phantom{0} \\ \underline{15} \phantom{0} \\ 012 \\ \underline{12} \\ 00 \end{array}$$

So, after sharing with her two sisters, Gunner has 154 pairs of shoes left.

Number of pairs of shoes she bought today = 17

Total number of pairs of shoes she has after the last purchase =

Pairs of shoes Gunner was left with + Additional pairs of shoes she bought today

$$\begin{array}{r} 154 \\ + 17 \\ \hline 171 \end{array}$$

So, she actually has a total of 171 pairs of shoes.

b. She spent \$521 in all.

c. The cost of twenty-one 24-packets of crayon = \$168.

d. The average of the numbers is 17.