**Writing Expressions from Phrases**

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| **Phrase** | **Expression** |
| The sum of twice $b$ and $5$. |  |
| The quotient of $c $and $d$. |  |
| $a $raised to the fifth power then increased by the product of $5$ and $c$. |  |
| The quantity of $a$ plus $b$ divided by $4$. |  |
| $10 $less than the product of $15$ and $c.$ |  |
| $5$ times $d$ then increased by $8.$ |  |
| Marcus has $4$ more dollars than Yaseen. If $y$ is the amount of money Yaseen has, write an expression to show how much money Marcus has.  |  |
| Mario is missing half of his assignments. If $a $represents the number of assignments, write an expression to show how many assignments Mario is missing. |  |
| Kamilah’s weight has tripled since her first birthday. If $w$ represents the amount Kamilah weighed on her first birthday, write an expression to show how much Kamilah weighs now. |  |
| Nathan brings cupcakes to school and gives them to his five best friends who share them equally. If $c$ represents the number of cupcakes Nathan brings to school, write an expression to show how many cupcakes each of his friends receive. |  |
| Mrs. Marcus combines her atlases and dictionaries and then divides them among $10$ different tables. If $a$ represents the number of atlases and $d$ represents the number of dictionaries Mrs. Marcus has, write an expression to show how many books would be on each table. |  |
| To improve in basketball, Ivan’s coach told him that he needs to take four times as many free throws and four times as many jump shots every day. If $f$ represents the number of free throws and $j$ represents the number of jump shots Ivan shoots daily, write an expression to show how many shots he will need to take in order to improve in basketball. |  |
| $b$ decreased by $c$ squared. |  |
| $24$ divided by the product of $2$ and $a$. |  |
| $150$ decreased by the quantity of $6$ plus $b$. |  |
| The sum of twice $c$ and $10$. |  |
| Marlo had $\$35$ but then spent $m dollars$. |  |
| Samantha saved her money and was able to quadruple the original amount,$ m$. |  |
| Veronica increased her grade, $g$, by $4$ points, and then doubled it. |  |
| Adbell had $m$ pieces of candy and ate $5$ of them. Then, he split the remaining candy equally among $4$ friends. |  |
| To find out how much paint is needed, Mr. Jones must square the side length, $s$, of the gate, and then subtract $15$. |  |
| Luis brought $x$ cans of cola to the party, Faith brought $d$ cans of cola, and De’Shawn brought $h$ cans of cola. How many cans of cola did they bring altogether? |  |
| Justin can type $w $words per minute. Melvin can type $4 $times as many words as Justin. Write an expression that represents the rate at which Melvin can type. |  |
| Yohanna swam$ y$ yards yesterday. Sheylin swam$ 5$ yards less than half the amount of yards as Yohanna. Write an expression that represents the number of yards Sheylin swam yesterday. |  |
| A number is $d$ decreased by $5$ and then doubled. |  |
| Nahom had $n$ baseball cards and Semir had $s$ baseball cards. They combined their baseball cards and then sold $10$ of them. |  |
| The sum of $25$ and $h$ is divided by $f$ cubed. |  |
| The sum of $a$ and $b$. |  |
| Five more than twice a number $c$. |  |
| Martha bought $d$ number of apples and then ate $6$ of them. |  |
| $14$ decreased by $p$. |  |
| The total of $d$ and $f$, divided by $8$. |  |
| Rashod scored $6$ less than $3$ times as many baskets as Mike. Mike scores $b$ baskets. |  |
| The quotient of$ c$ and $6$. |  |
| Triple the sum of $x$ and $17$. |  |
| Gabrielle had $b$ buttons but then lost $6$. Gabrielle took the remaining buttons and split them equally among her $5 $friends. |  |
| $d$ doubled. |  |
| Three more than $4$ times a number $x$. |  |
| Mali has $c$ pieces of candy. She doubles the amount of candy she has then gives away $15$ pieces. |  |
| $f$ cubed. |  |
| The quantity of $4$ increased by $a$, and then the sum is divided by $9.$ |  |
| Tai earned $4$ points fewer than double Oden’s points. Oden earned $p$ points. |  |
| The difference between $d$ and $8$. |  |
| $6$ less than the sum of $d$ and $9$. |  |
| Adalyn has $x$ pants and $s $shirts. She combined them and sold half of them. How many items did Adalyn sell? |  |
| $4$ less than the quantity of $8$ times $n$. |  |
| $6$ times the sum of $y$ and $11$. |  |
| The square of $m$ reduced by $49$. |  |
| The quotient when the quantity of $17$ plus $p$ is divided by $8$. |  |
| Jim earned $j$ in tips, and Steve earned $s$ in tips. They combine their tips then split them equally. |  |
| Owen has $c$ collector cards. He quadruples the number of cards he has, and then combines them with Ian, who has $i $collector cards. |  |
| Rae ran $4$ times as many miles as Madison and Aaliyah combined. Madison ran $m$ miles and Aaliyah ran $a$ miles. |  |
| By using coupons, Mary Jo was able to decrease the retail price of her groceries, $g$, by $\$125$. |  |
| To calculate the area of a triangle, you find the product of the base and height and then divide by $2$. |  |
| The temperature today was $10$ degrees colder than twice yesterday’s temperature, $t$. |  |
| At a music store, Cam sold 9 CD’s at a price of *p* dollars per CD in one hour. If his sales continue at the same rate, write an expression that shows the total dollar amount of Cam’s CD sales after 7 hours. |  |
| Adnan earns *d* dollars in wages waiting tables each day. He also makes $40.00 in tips every day. Write an expression to show how much money Adnan would earn in six days. |  |
| Danya attended a soccer camp for three weeks. Her parents paid $85.00, which is three-fourths of the cost of attending the camp. Danya had saved enough money to pay the rest of the cost. Write an equation that could be used to find the entire cost, *c*, of attending the soccer camp. |  |
| A magazine has a one-year subscription rate of $28.50 for *x* issues. Write an equation that could be used to find the number of issues, *x*, if each issue costs $1.90 |  |
| Each week, Sarah’s mother spends $87.00 at the grocery store. Write an equation that could be used to determine, *t*, the total amount that Sarah’s mother spends on groceries in *x* weeks. |  |
| The distance between Ann Arbor and Dearborn is 44 miles. The distance between Ann Arbor and Lansing is *x* miles. Write an equation that can be used to find *m*, the round-trip distance from Dearborn to Lansing if someone travels through Ann Arbor both ways. |  |
| Michael found a website where he can buy an MP3 player for $99.99 and he can download songs for $0.89 each. Write an expression that can be used to represent the total amount it would cost Michael to buy the MP3 player and to download *x* songs. |  |
| A vegetable market sells heads of lettuce for $1.59 and one-pound bags of spinach for $2.95. Write an equation that can be used to find *C*, the total cost of *x* heads of lettuce and three bags of spinach. |  |