

# Algebraic Expressions For Words

Name\_\_\_\_\_

**Words for Operations:**      **+**, **—**, **X**, **÷**, **power**

**+**

|

**—**

|

**X**

|

**÷**

**Write an algebraic expression for:**

1. a number,  $c$ , increased by 5
2. the quotient of  $f$  and 4
3. twice 9 decreased by 8
4. the difference between  $r$  and 2
5. 6 less than a number,  $w$
6. the product of  $q$  and 10

**Write words for each**

7.  $t + 9$
8.  $-6b + 3$
9.  $\frac{X}{4}$
10.  $z — 8$
11.  $5y$
12.  $-9 — s$

|                |               |               |             |
|----------------|---------------|---------------|-------------|
| $3x - 2$       | $\frac{x}{3}$ | $-3b$         | $y \div -8$ |
| $\frac{3x}{2}$ | $\frac{4}{c}$ | $\frac{m}{5}$ | $-8w$       |
| $-3 + f$       | $5 + p$       | $k + -8$      | $2n + 4$    |
| $3y$           | $2n$          | $2f - 2$      | $p - 4$     |
| $5b$           | $v - (-3)$    | $t - 3$       | $5 - p$     |
| $2 - c$        | $3 - d$       | $-8 + h$      | $m + 4$     |

|                                                               |                                                                  |                                                                    |                                                                |
|---------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------|
| <b>The<br/>quotient<br/>of <math>y</math> and<br/>-8</b>      | <b>The<br/>product<br/>negative<br/>three and <math>b</math></b> | <b>The<br/>quotient<br/>of <math>x</math> and<br/>3</b>            | <b>two less<br/>than three<br/>times a<br/>number</b>          |
| <b>a number,<br/><math>w</math>,<br/>multiplied<br/>by -8</b> | <b>the<br/>quotient<br/>of <math>m</math> and<br/>5</b>          | <b>four<br/>divided<br/>by <math>c</math></b>                      | <b>Divide the<br/>product of 3<br/>and <math>x</math> by 2</b> |
| <b>double <math>n</math><br/>and add<br/>four</b>             | <b>the<br/>number,<br/><math>k</math>, plus -8</b>               | <b>Five<br/>more<br/>than <math>p</math></b>                       | <b>negative<br/>three and<br/><math>f</math></b>               |
| <b>four less<br/>than the<br/>number,<br/><math>p</math></b>  | <b>two less<br/>than<br/>twice <math>f</math></b>                | <b>twice a<br/>number,<br/><math>n</math></b>                      | <b>three<br/>times <math>y</math></b>                          |
| <b><math>p</math><br/>subtracted<br/>from five</b>            | <b>a number,<br/><math>t</math>,<br/>decreased<br/>by three</b>  | <b><math>v</math> minus<br/>negative<br/>three</b>                 | <b>five of<br/>the<br/>number,<br/><math>b</math></b>          |
| <b>four<br/>more<br/>than <math>m</math></b>                  | <b>the sum<br/>of<br/>negative<br/>8 and <math>h</math></b>      | <b>the<br/>difference<br/>between <math>d</math><br/>and three</b> | <b>Two<br/>decreased<br/>by a<br/>number, <math>c</math></b>   |