**KEY WORDS TO MATH SIGNS**

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| --- | --- |
| **Sign** | **Look for** |
| ADDITIONhttps://usercontent2.hubstatic.com/11174171_f520.jpg | addadd to, added toaddition ofall togetheraltogetherandbothcombinedextra | in allincrease byincreased byjoinmore, more thanplussumtogethertotal, total of |
| SUBTRACTIONhttps://usercontent2.hubstatic.com/11174189_f520.jpg | decrease, decreaseddeductdifferencedifference betweendropped, fellfewer, fewer thanhow much lesshow many morehow much more | how many lefthow much leftless, less thanminusnearer, furtherreduce, reduced byremainingsubtracttake away |
| MULTIPLICATIONhttps://usercontent1.hubstatic.com/11174142_f520.jpg | area ofatbydouble, doubledeach hadgroups ofmultiplied byof | product, product ofrateper sets oftimestripletwicemultiple |
| DIVISIONhttps://usercontent2.hubstatic.com/11174159_f520.jpg | divide evenlydivided byequal partsequal piecesfractionfor eachhalf, quarterhow many each | per, percentagequotientratio, ratio ofshare, share ofshared betweenshared equallysplitout of |
| EQUALShttps://usercontent2.hubstatic.com/11174189_f520.jpghttps://usercontent2.hubstatic.com/11174189_f520.jpg | answerarecorresponds toequals, is, is equal tomakesproduces | results in, result issame amountsame assame valuegivesequates to |

Match each sentence with the correct equation (place the question number beside the answer):

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| 1. A number **increased by** three **is** **equal** to nine. | \_\_\_\_\_\_\_ | x – 9 = 6 |
| 2. A number **decreased by** four **is equal** to twelve. | \_\_\_\_\_\_\_\_ |  |
| 3. Four **times** a number **is equal** to sixteen. | \_\_\_\_\_\_\_\_ | x + 3 = 9 |
| 4. A number **divided by** three **is** eight. | \_\_\_\_\_\_\_\_ | 2x + 3y =27 |
| 5. John’s age will be nineteen in three years. | \_\_\_\_\_\_\_\_ | x – 4 = 12 |
| 6. Nine years **ago**, Mary’s age was six. | \_\_\_\_\_\_\_\_ | x2 = 16 |
| 7. Six **less** than a number is 10. | \_\_\_\_\_\_\_\_ | 0.05x+0.25y=5.65 |
| 8. A number **increased by** five **is equal** to negative four. | \_\_\_\_\_\_\_\_ | 4x = 16 |
| 9. The **square** of a number **is** sixteen. | \_\_\_\_\_\_\_\_ | x – 6 = 10 |
| 10. A number **divided** **by** six **is equal** to three. | \_\_\_\_\_\_\_\_ | x + 3 = 19 |
| 11. I have x nickels and y quarters. I have **a total of** $5.65 | \_\_\_\_\_\_\_\_ |  |
| 12. It takes 2 hours to mow a lawn and 3 hours to weed a garden. In one month I mowed x lawns and weeded y gardens. It took 27 hours. | \_\_\_\_\_\_\_\_ | x – 5 = -4 |

**Example**: Jenna ran 8 kilometres more than Kelly. The two girls ran a total of 28 kilometres. How far did each of them run?