

Name: \_\_\_\_\_

Class: \_\_\_\_\_

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# ALGEBRA

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Solve for the variable.

1.  $14 + y = 19$  \_\_\_\_\_ 2.  $y + 20 = 42$  \_\_\_\_\_ 3.  $y + 6 = 14$  \_\_\_\_\_ 4.  $4 - y = -30$  \_\_\_\_\_  
5.  $3 - y = -25$  \_\_\_\_\_ 6.  $9 + y = 30$  \_\_\_\_\_ 7.  $y + 2 = 24$  \_\_\_\_\_ 8.  $34 - y = 30$  \_\_\_\_\_  
9.  $y + 27 = 56$  \_\_\_\_\_ 10.  $y + 5 = 37$  \_\_\_\_\_

Solve for the variable.

11.  $y - 61 = -35$  \_\_\_\_\_ 12.  $20 - y = -14$  \_\_\_\_\_ 13.  $y + 64 = 112$  \_\_\_\_\_  
14.  $58 - y = 1$  \_\_\_\_\_ 15.  $13 + y = 15$  \_\_\_\_\_ 16.  $29 - y = 15$  \_\_\_\_\_  
17.  $y - 18 = 48$  \_\_\_\_\_ 18.  $64 - y = 24$  \_\_\_\_\_ 19.  $19 + y = 36$  \_\_\_\_\_  
20.  $y - 7 = 22$  \_\_\_\_\_

Solve for the variable.

21.  $y + 15 = 38$  \_\_\_\_\_ 22.  $51 - y = 36$  \_\_\_\_\_ 23.  $31 + y = 43$  \_\_\_\_\_ 24.  $28 - y = 0$  \_\_\_\_\_  
25.  $46 + y = 77$  \_\_\_\_\_ 26.  $y - 58 = -43$  \_\_\_\_\_ 27.  $52 - y = 31$  \_\_\_\_\_ 28.  $21 - y = 2$  \_\_\_\_\_  
29.  $y + 39 = 47$  \_\_\_\_\_ 30.  $y + 50 = 69$  \_\_\_\_\_

Solve for the variable.

31.  $38 - y = 32$  \_\_\_\_\_ 32.  $y + 47 = 54$  \_\_\_\_\_ 33.  $y + 58 = 101$  \_\_\_\_\_  
34.  $y - 3 = 32$  \_\_\_\_\_ 35.  $33 - y = 16$  \_\_\_\_\_ 36.  $y + 46 = 78$  \_\_\_\_\_  
37.  $5 + y = 25$  \_\_\_\_\_ 38.  $y - 50 = -9$  \_\_\_\_\_ 39.  $y - 6 = 5$  \_\_\_\_\_  
40.  $16 + y = 21$  \_\_\_\_\_

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Solve for the variable.

1.  $14 + y = 19$   $y = 5$     2.  $y + 20 = 42$   $y = 22$     3.  $y + 6 = 14$   $y = 8$     4.  $4 - y = -30$   $y = 34$   
5.  $3 - y = -25$   $y = 28$     6.  $9 + y = 30$   $y = 21$     7.  $y + 2 = 24$   $y = 22$     8.  $34 - y = 30$   $y = 4$   
9.  $y + 27 = 56$   $y = 29$     10.  $y + 5 = 37$   $y = 32$

Solve for the variable.

11.  $y - 61 = -35$   $y = 26$     12.  $20 - y = -14$   $y = 34$     13.  $y + 64 = 112$   $y = 48$   
14.  $58 - y = 1$   $y = 57$     15.  $13 + y = 15$   $y = 2$     16.  $29 - y = 15$   $y = 14$   
17.  $y - 18 = 48$   $y = 66$     18.  $64 - y = 24$   $y = 40$     19.  $19 + y = 36$   $y = 17$   
20.  $y - 7 = 22$   $y = 29$

Solve for the variable.

21.  $y + 15 = 38$   $y = 23$     22.  $51 - y = 36$   $y = 15$     23.  $31 + y = 43$   $y = 12$     24.  $28 - y = 0$   $y = 28$   
25.  $46 + y = 77$   $y = 31$     26.  $y - 58 = -43$   $y = 15$     27.  $52 - y = 31$   $y = 21$     28.  $21 - y = 2$   $y = 19$   
29.  $y + 39 = 47$   $y = 8$     30.  $y + 50 = 69$   $y = 19$

Solve for the variable.

31.  $38 - y = 32$   $y = 6$     32.  $y + 47 = 54$   $y = 7$     33.  $y + 58 = 101$   $y = 43$   
34.  $y - 3 = 32$   $y = 35$     35.  $33 - y = 16$   $y = 17$     36.  $y + 46 = 78$   $y = 32$   
37.  $5 + y = 25$   $y = 20$     38.  $y - 50 = -9$   $y = 41$     39.  $y - 6 = 5$   $y = 11$   
40.  $16 + y = 21$   $y = 5$