

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

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

# ALGEBRA

Solve for the variable.

1.  $33 - 5y = 8$  \_\_\_\_\_
2.  $3 = 11 - 8y$  \_\_\_\_\_
3.  $7y - 7 = 28$  \_\_\_\_\_
4.  $9y - 7 = 56$  \_\_\_\_\_
5.  $8y - 7 = 25$  \_\_\_\_\_
6.  $4y - 9 = 23$  \_\_\_\_\_
7.  $3y - 2 = 19$  \_\_\_\_\_
8.  $2 = 9 - 1y$  \_\_\_\_\_
9.  $3 = 27 - 8y$  \_\_\_\_\_
10.  $9 = 15 - 3y$  \_\_\_\_\_
11.  $9 = 5y - 6$  \_\_\_\_\_
12.  $4 = 6y - 8$  \_\_\_\_\_
13.  $4 = 29 - 5y$  \_\_\_\_\_
14.  $22 - 2y = 4$  \_\_\_\_\_
15.  $9 = 16 - 7y$  \_\_\_\_\_
16.  $41 - 7y = 6$  \_\_\_\_\_
17.  $2 = 3y - 7$  \_\_\_\_\_
18.  $62 - 7y = 6$  \_\_\_\_\_
19.  $13 - 1y = 5$  \_\_\_\_\_
20.  $48 - 8y = 8$  \_\_\_\_\_
21.  $3y - 7 = 2$  \_\_\_\_\_
22.  $17 = 3y - 4$  \_\_\_\_\_
23.  $2y - 4 = 2$  \_\_\_\_\_
24.  $3y - 8 = 1$  \_\_\_\_\_
25.  $6y - 5 = 37$  \_\_\_\_\_
26.  $4 = 76 - 9y$  \_\_\_\_\_
27.  $5 = 25 - 4y$  \_\_\_\_\_
28.  $35 - 3y = 8$  \_\_\_\_\_
29.  $13 - 6y = 1$  \_\_\_\_\_
30.  $9y - 8 = 28$  \_\_\_\_\_
31.  $29 = 6y - 7$  \_\_\_\_\_
32.  $8y - 5 = 43$  \_\_\_\_\_
33.  $6 = 24 - 9y$  \_\_\_\_\_
34.  $9 - 1y = 0$  \_\_\_\_\_
35.  $21 = 8y - 3$  \_\_\_\_\_
36.  $8y - 4 = 60$  \_\_\_\_\_
37.  $18 = 5y - 2$  \_\_\_\_\_
38.  $17 = 2y - 1$  \_\_\_\_\_
39.  $1 = 9 - 4y$  \_\_\_\_\_
40.  $4 = 31 - 9y$  \_\_\_\_\_
41.  $9y - 4 = 5$  \_\_\_\_\_
42.  $5 = 77 - 8y$  \_\_\_\_\_
43.  $16 = 8y - 8$  \_\_\_\_\_
44.  $2 = 14 - 2y$  \_\_\_\_\_
45.  $23 = 6y - 1$  \_\_\_\_\_
46.  $29 - 7y = 8$  \_\_\_\_\_
47.  $41 - 5y = 1$  \_\_\_\_\_
48.  $0 = 28 - 4y$  \_\_\_\_\_
49.  $5y - 6 = 29$  \_\_\_\_\_
50.  $38 = 8y - 2$  \_\_\_\_\_
51.  $7 = 23 - 4y$  \_\_\_\_\_
52.  $1y - 4 = 1$  \_\_\_\_\_
53.  $24 = 7y - 4$  \_\_\_\_\_
54.  $8 = 53 - 5y$  \_\_\_\_\_
55.  $8 = 7y - 6$  \_\_\_\_\_
56.  $35 - 8y = 3$  \_\_\_\_\_
57.  $9 = 17 - 1y$  \_\_\_\_\_
58.  $5 = 33 - 4y$  \_\_\_\_\_
59.  $20 = 3y - 1$  \_\_\_\_\_
60.  $6 = 26 - 4y$  \_\_\_\_\_
61.  $1 = 2y - 5$  \_\_\_\_\_
62.  $4 = 12 - 4y$  \_\_\_\_\_
63.  $3 = 66 - 7y$  \_\_\_\_\_
64.  $3 = 2y - 1$  \_\_\_\_\_
65.  $7 = 88 - 9y$  \_\_\_\_\_
66.  $3 = 39 - 6y$  \_\_\_\_\_
67.  $2 = 56 - 9y$  \_\_\_\_\_
68.  $3 = 1y - 3$  \_\_\_\_\_
69.  $5y - 1 = 29$  \_\_\_\_\_
70.  $3y - 9 = 3$  \_\_\_\_\_
71.  $3y - 2 = 16$  \_\_\_\_\_
72.  $3 - 3y = 0$  \_\_\_\_\_

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# ALGEBRA

Solve for the variable.

1.  $33 - 5y = 8$   $y = 5$
2.  $3 = 11 - 8y$   $y = 1$
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4.  $9y - 7 = 56$   $y = 7$
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7.  $3y - 2 = 19$   $y = 7$
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10.  $9 = 15 - 3y$   $y = 2$
11.  $9 = 5y - 6$   $y = 3$
12.  $4 = 6y - 8$   $y = 2$
13.  $4 = 29 - 5y$   $y = 5$
14.  $22 - 2y = 4$   $y = 9$
15.  $9 = 16 - 7y$   $y = 1$
16.  $41 - 7y = 6$   $y = 5$
17.  $2 = 3y - 7$   $y = 3$
18.  $62 - 7y = 6$   $y = 8$
19.  $13 - 1y = 5$   $y = 8$
20.  $48 - 8y = 8$   $y = 5$
21.  $3y - 7 = 2$   $y = 3$
22.  $17 = 3y - 4$   $y = 7$
23.  $2y - 4 = 2$   $y = 3$
24.  $3y - 8 = 1$   $y = 3$
25.  $6y - 5 = 37$   $y = 7$
26.  $4 = 76 - 9y$   $y = 8$
27.  $5 = 25 - 4y$   $y = 5$
28.  $35 - 3y = 8$   $y = 9$
29.  $13 - 6y = 1$   $y = 2$
30.  $9y - 8 = 28$   $y = 4$
31.  $29 = 6y - 7$   $y = 6$
32.  $8y - 5 = 43$   $y = 6$
33.  $6 = 24 - 9y$   $y = 2$
34.  $9 - 1y = 0$   $y = 9$
35.  $21 = 8y - 3$   $y = 3$
36.  $8y - 4 = 60$   $y = 8$
37.  $18 = 5y - 2$   $y = 4$
38.  $17 = 2y - 1$   $y = 9$
39.  $1 = 9 - 4y$   $y = 2$
40.  $4 = 31 - 9y$   $y = 3$
41.  $9y - 4 = 5$   $y = 1$
42.  $5 = 77 - 8y$   $y = 9$
43.  $16 = 8y - 8$   $y = 3$
44.  $2 = 14 - 2y$   $y = 6$
45.  $23 = 6y - 1$   $y = 4$
46.  $29 - 7y = 8$   $y = 3$
47.  $41 - 5y = 1$   $y = 8$
48.  $0 = 28 - 4y$   $y = 7$
49.  $5y - 6 = 29$   $y = 7$
50.  $38 = 8y - 2$   $y = 5$
51.  $7 = 23 - 4y$   $y = 4$
52.  $1y - 4 = 1$   $y = 5$
53.  $24 = 7y - 4$   $y = 4$
54.  $8 = 53 - 5y$   $y = 9$
55.  $8 = 7y - 6$   $y = 2$
56.  $35 - 8y = 3$   $y = 4$
57.  $9 = 17 - 1y$   $y = 8$
58.  $5 = 33 - 4y$   $y = 7$
59.  $20 = 3y - 1$   $y = 7$
60.  $6 = 26 - 4y$   $y = 5$
61.  $1 = 2y - 5$   $y = 3$
62.  $4 = 12 - 4y$   $y = 2$
63.  $3 = 66 - 7y$   $y = 9$
64.  $3 = 2y - 1$   $y = 2$
65.  $7 = 88 - 9y$   $y = 9$
66.  $3 = 39 - 6y$   $y = 6$
67.  $2 = 56 - 9y$   $y = 6$
68.  $3 = 1y - 3$   $y = 6$
69.  $5y - 1 = 29$   $y = 6$
70.  $3y - 9 = 3$   $y = 4$
71.  $3y - 2 = 16$   $y = 6$
72.  $3 - 3y = 0$   $y = 1$