

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

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

# ALGEBRA

Solve for the variable.

1.  $0.48 = 0.6 \times y$  \_\_\_\_\_    2.  $0.72 = y \times 0.9$  \_\_\_\_\_    3.  $0.27 = 0.3 \times y$  \_\_\_\_\_
4.  $0.06 = y \times 0.2$  \_\_\_\_\_    5.  $0.35 = 0.5 \times y$  \_\_\_\_\_    6.  $0.25 = y \times 0.5$  \_\_\_\_\_
7.  $0.08 = 0.8 \times y$  \_\_\_\_\_    8.  $0.09 = y \times 0.1$  \_\_\_\_\_    9.  $0.16 = 0.8 \times y$  \_\_\_\_\_
10.  $0.12 = 0.4 \times y$  \_\_\_\_\_    11.  $0.28 = y \times 0.7$  \_\_\_\_\_    12.  $0.54 = y \times 0.6$  \_\_\_\_\_
13.  $0.14 = y \times 0.7$  \_\_\_\_\_    14.  $0.10 = 0.5 \times y$  \_\_\_\_\_    15.  $0.15 = y \times 0.3$  \_\_\_\_\_
16.  $0.56 = y \times 0.7$  \_\_\_\_\_    17.  $0.16 = 0.2 \times y$  \_\_\_\_\_    18.  $0.24 = y \times 0.8$  \_\_\_\_\_
19.  $0.18 = 0.2 \times y$  \_\_\_\_\_    20.  $0.35 = 0.7 \times y$  \_\_\_\_\_    21.  $0.42 = 0.7 \times y$  \_\_\_\_\_
22.  $0.48 = 0.8 \times y$  \_\_\_\_\_    23.  $0.12 = y \times 0.3$  \_\_\_\_\_    24.  $0.21 = 0.3 \times y$  \_\_\_\_\_
25.  $0.09 = y \times 0.3$  \_\_\_\_\_    26.  $0.36 = 0.4 \times y$  \_\_\_\_\_    27.  $0.18 = 0.9 \times y$  \_\_\_\_\_
28.  $0.08 = y \times 0.1$  \_\_\_\_\_    29.  $0.28 = y \times 0.4$  \_\_\_\_\_    30.  $0.05 = y \times 0.5$  \_\_\_\_\_
31.  $0.02 = 0.1 \times y$  \_\_\_\_\_    32.  $0.30 = 0.5 \times y$  \_\_\_\_\_    33.  $0.06 = 0.1 \times y$  \_\_\_\_\_
34.  $0.18 = y \times 0.6$  \_\_\_\_\_    35.  $0.54 = y \times 0.9$  \_\_\_\_\_    36.  $0.08 = y \times 0.4$  \_\_\_\_\_
37.  $0.36 = 0.6 \times y$  \_\_\_\_\_    38.  $0.03 = 0.1 \times y$  \_\_\_\_\_    39.  $0.06 = y \times 0.3$  \_\_\_\_\_
40.  $0.07 = 0.7 \times y$  \_\_\_\_\_    41.  $0.63 = y \times 0.9$  \_\_\_\_\_    42.  $0.42 = 0.6 \times y$  \_\_\_\_\_
43.  $0.45 = 0.9 \times y$  \_\_\_\_\_    44.  $0.06 = y \times 0.6$  \_\_\_\_\_    45.  $0.04 = 0.4 \times y$  \_\_\_\_\_
46.  $0.07 = y \times 0.1$  \_\_\_\_\_    47.  $0.30 = 0.6 \times y$  \_\_\_\_\_    48.  $0.81 = 0.9 \times y$  \_\_\_\_\_
49.  $0.24 = 0.6 \times y$  \_\_\_\_\_    50.  $0.18 = 0.3 \times y$  \_\_\_\_\_    51.  $0.72 = y \times 0.8$  \_\_\_\_\_
52.  $0.56 = 0.8 \times y$  \_\_\_\_\_    53.  $0.45 = 0.5 \times y$  \_\_\_\_\_    54.  $0.32 = 0.4 \times y$  \_\_\_\_\_

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# ALGEBRA

Solve for the variable.

- |  |  |  |
|--|--|--|
| 1. $0.48 = 0.6 \times y$ <u>y = 0.8</u>  | 2. $0.72 = y \times 0.9$ <u>y = 0.8</u>  | 3. $0.27 = 0.3 \times y$ <u>y = 0.9</u>  |
| 4. $0.06 = y \times 0.2$ <u>y = 0.3</u>  | 5. $0.35 = 0.5 \times y$ <u>y = 0.7</u>  | 6. $0.25 = y \times 0.5$ <u>y = 0.5</u>  |
| 7. $0.08 = 0.8 \times y$ <u>y = 0.1</u>  | 8. $0.09 = y \times 0.1$ <u>y = 0.9</u>  | 9. $0.16 = 0.8 \times y$ <u>y = 0.2</u>  |
| 10. $0.12 = 0.4 \times y$ <u>y = 0.3</u> | 11. $0.28 = y \times 0.7$ <u>y = 0.4</u> | 12. $0.54 = y \times 0.6$ <u>y = 0.9</u> |
| 13. $0.14 = y \times 0.7$ <u>y = 0.2</u> | 14. $0.10 = 0.5 \times y$ <u>y = 0.2</u> | 15. $0.15 = y \times 0.3$ <u>y = 0.5</u> |
| 16. $0.56 = y \times 0.7$ <u>y = 0.8</u> | 17. $0.16 = 0.2 \times y$ <u>y = 0.8</u> | 18. $0.24 = y \times 0.8$ <u>y = 0.3</u> |
| 19. $0.18 = 0.2 \times y$ <u>y = 0.9</u> | 20. $0.35 = 0.7 \times y$ <u>y = 0.5</u> | 21. $0.42 = 0.7 \times y$ <u>y = 0.6</u> |
| 22. $0.48 = 0.8 \times y$ <u>y = 0.6</u> | 23. $0.12 = y \times 0.3$ <u>y = 0.4</u> | 24. $0.21 = 0.3 \times y$ <u>y = 0.7</u> |
| 25. $0.09 = y \times 0.3$ <u>y = 0.3</u> | 26. $0.36 = 0.4 \times y$ <u>y = 0.9</u> | 27. $0.18 = 0.9 \times y$ <u>y = 0.2</u> |
| 28. $0.08 = y \times 0.1$ <u>y = 0.8</u> | 29. $0.28 = y \times 0.4$ <u>y = 0.7</u> | 30. $0.05 = y \times 0.5$ <u>y = 0.1</u> |
| 31. $0.02 = 0.1 \times y$ <u>y = 0.2</u> | 32. $0.30 = 0.5 \times y$ <u>y = 0.6</u> | 33. $0.06 = 0.1 \times y$ <u>y = 0.6</u> |
| 34. $0.18 = y \times 0.6$ <u>y = 0.3</u> | 35. $0.54 = y \times 0.9$ <u>y = 0.6</u> | 36. $0.08 = y \times 0.4$ <u>y = 0.2</u> |
| 37. $0.36 = 0.6 \times y$ <u>y = 0.6</u> | 38. $0.03 = 0.1 \times y$ <u>y = 0.3</u> | 39. $0.06 = y \times 0.3$ <u>y = 0.2</u> |
| 40. $0.07 = 0.7 \times y$ <u>y = 0.1</u> | 41. $0.63 = y \times 0.9$ <u>y = 0.7</u> | 42. $0.42 = 0.6 \times y$ <u>y = 0.7</u> |
| 43. $0.45 = 0.9 \times y$ <u>y = 0.5</u> | 44. $0.06 = y \times 0.6$ <u>y = 0.1</u> | 45. $0.04 = 0.4 \times y$ <u>y = 0.1</u> |
| 46. $0.07 = y \times 0.1$ <u>y = 0.7</u> | 47. $0.30 = 0.6 \times y$ <u>y = 0.5</u> | 48. $0.81 = 0.9 \times y$ <u>y = 0.9</u> |
| 49. $0.24 = 0.6 \times y$ <u>y = 0.4</u> | 50. $0.18 = 0.3 \times y$ <u>y = 0.6</u> | 51. $0.72 = y \times 0.8$ <u>y = 0.9</u> |
| 52. $0.56 = 0.8 \times y$ <u>y = 0.7</u> | 53. $0.45 = 0.5 \times y$ <u>y = 0.9</u> | 54. $0.32 = 0.4 \times y$ <u>y = 0.8</u> |