



Name: _____

Date: _____

Linear Models

Solve for x . Show your work.

1. A gym charges \$38 to join plus \$7/month. Write a function for total cost after m months.
2. A gym charges \$32 to join plus \$5/month. Write a function for total cost after m months.
3. A gym charges \$26 to join plus \$8/month. Write a function for total cost after m months.
4. A gym charges \$40 to join plus \$8/month. Write a function for total cost after m months.
5. A gym charges \$40 to join plus \$2/month. Write a function for total cost after m months.
6. A gym charges \$48 to join plus \$6/month. Write a function for total cost after m months.
7. A gym charges \$28 to join plus \$3/month. Write a function for total cost after m months.
8. A gym charges \$49 to join plus \$3/month. Write a function for total cost after m months.



Linear Models – Answer Key

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$$C(m) = 8m + 28$$

$$\text{freshmath.org } C(m) = 8m + 32$$