$\qquad$ Date $\qquad$ Period $\qquad$

## Solve Linear Systems by Graphing

1. Find the value of two numbers if their sum is 12 and their difference is 2 .

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Answer:

2. When do they cost the same? Gym Muscles charges a $\$ 40$ signup fee and then $\$ 20$ per month while Gym Slim does not charge a signup fee but charges $\$ 30$ per month.

| Equations: |
| :--- |
| Gym Muscles: |
| Gym Slim: |
|  |

$y$


## Answer:

