## Distributive




## Algebra Splash



$$
|x-2|=5
$$

| Fines for Overdue Library |  |
| :---: | :---: |
| Books |  |
| The local library charges the same fine per |  |
| day for each day a library book is overdue. |  |
| Number of Days <br> Overdue | Amount of Fine |
| 2 | $\$ 0.30$ |
| 4 | $\$ 0.60$ |
| 6 | $\$ 0.90$ |
| $:$ | $:$ |
| 18 |  |

$$
-2 \leq x+1<3
$$




