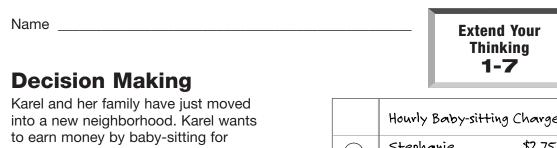# Decision Making

Karel and her family have just moved into a new neighborhood. Karel wants to earn money by baby-sitting for families with young children. She asked other students her age how much they charged for baby-sitting. The results are listed in the chart at the right.

Hourly Baby-sitting Charges	
Stephanie	$2.75
Jessica	$2.00
Michael	$3.00
Raoul	$2.50
Rolanda	$2.75
Harry	$2.25
Samuel	$2.25
Anita	$2.75

1. Suppose Karel wants to be the least expensive baby-sitter in the neighborhood. How much should she charge?

_____

2. Suppose Karel wants to charge the same hourly rate as most of the other baby-sitters. How much should she charge? Explain.

_____

_____

3. Suppose Karel wants her hourly rate to be higher than the rate of half of other baby-sitters, but lower than the hourly rate of the rest of the baby-sitters. How much should she charge? Explain.

_____

_____

4. In addition to the baby-sitting rates charged by others, what might Karel consider when she sets her rates?

_____

_____

_____

5. Find out how much six people in your school charge for baby-sitting. Organize the information and find the median and mode. If you were going to baby-sit, how much would you charge? Why?

_____

_____

Name _____

Decision Making

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1. Suppose Karel wants to be the least expensive baby-sitter in the neighborhood. How much should she charge?

   Less than $2 per hour.

2. Suppose Karel wants to charge the same hourly rate as most of the other baby-sitters. How much should she charge? Explain.

   $2.75 per hour, because this is the fee charged by more babysitters than any other fee.

3. Suppose Karel wants her hourly rate to be higher than the rate of half of other baby-sitters, but lower than the hourly rate of the rest of the baby-sitters. How much should she charge? Explain.

   She will set her fee between $2.50 and $2.75 because half of the girls charge less than $2.50 and half charge more than $2.75.

4. In addition to the baby-sitting rates charged by others, what might Karel consider when she sets her rates?

   Possible answer: How often she plans to babysit, when the parents need her to babysit, how long each job will last, how close to her home the parents live, and so on.

5. Find out how much six people in your school charge for baby-sitting. Organize the information and find the median and mode. If you were going to baby-sit, how much would you charge? Why?

   Check students' work.

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