Ratio Representation

R3 – BAD DATE WORKSHEET

Watch the video "Bad Date." Then fill in the blanks below.

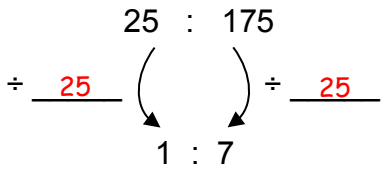
Date number	Number of words she spoke	Number of words he spoke	Ratio of number of words she spoke to number of words he spoke
1	25	175	25 : 175
2	36	6	36 : 6
3	57	57	57 : 57

Date 1

She explained that she spoke 25 words to his 175. Or, for every 1 word she spoke, he spoke 7 words.

"He spoke 7 times as much as I did."

Whether or not you have used an arrow diagram like the one to the right, try to figure out which **one** number should go in the blanks to make sense of the conversation in this date.



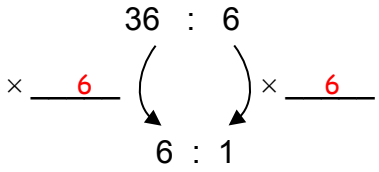
If she spoke 8 words, he would speak 56 words.

Date 2

On the second date she spoke 36 words to his 6. Or, for every 6 words she spoke, he spoke 1 word.

"I spoke 6 times as much as he did."

Write the **one** number that should go in the blanks in the arrow diagram to the right.



If she spoke 24 words, he would speak 4 words.

Date 3

She wanted someone to talk with her on a one to one ratio. What does that mean?

For every one word she speaks, he also speaks one word. Another way to simply say that is they speak the same number of words.

If she spoke 39 words, he would speak 39 words.