Selected Word Problems for Addition, Subtraction, Multiplication \& Division*

| Action/relation |  |  |  |
| :---: | :---: | :---: | :---: |
| Join <br> (Add to) | Roge grand cars. Rogel | (Result Unknown) <br> o had 3 toy cars. Her mother gives her 2 more toy ow many toy cars does o have now? | (Change Unknown) <br> Rogelio has 3 toy cars. How many more toy cars does Rogelio have to find to have 5 altogether? |
| Separate (Take from) | Roge toy ca cars | (Result Unknown) <br> o had 5 toy cars. She gave 2 s to Kadyn. How many toy d Rogelio have then? | (Change Unknown) <br> Rogelio had 5 toy cars. She gave some to Kadyn. Rogelio has 3 now. How many does Kadyn have? |
| Part-Part- <br> Whole (Put together/ take apart) | Rogelio has 3 blue toy cars and 2 green toy cars. How many toy cars does Rogelio have altogether? |  | (Part Unknown) <br> Rogelio has 5 toy cars. Three are blue and the rest are green. How many green toy cars does Rogelio have? |
| Compare | Rogelio has 5 toy cars. Kadyn has 3 toy cars. How many more toy cars does Rogelio have than Kadyn? |  |  |
| Equal group problems |  | Example |  |
| Multiplication (unknown product) |  | Dylan had 3 plates. He put 4 goldfish crackers on each plate. How many goldfish crackers did he put on the plates? |  |
| Measurement Division (number of groups unknown) |  | Dylan had 12 goldfish crackers. He put the goldfish crackers on plates. If he put 4 goldfish crackers on each plate how many plates did he need? |  |
| Partitive Division (group size unknown) |  | Dylan had 12 goldfish crackers. He put the goldfish crackers on 3 plates with the same number of goldfish crackers on each plate. How many goldfish crackers did he put on each plate? |  |

* Selected Word Problems for Addition, Subtraction, Multiplication \& Division. Adapted by M. L. Franke from Young Children's Mathematics (p. 75, 82), 2017, NH: Heinemann. Copyright 2017 by T. P. Carpenter, M. L. Franke, N. Johnson, A. C. Turrou and A. Wager. Adapted with permission.

