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| **Solving Equal-Grouping Problems** **Behaviours/Strategies** | | | |
| 1. Student solves equal-grouping   problem, but miscounts and does  not start with 48 items. | 1. Student solves equal-grouping   problem, but not all groups are of  the same size. | 1. Student solves equal-grouping   problem, but ignores the fact that  there are leftover items. | 1. Student solves equal-grouping   problem in one way, but struggles to find other ways. |
| **Observations/Documentation** | | | |
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| 1. Student solves equal grouping   problem, but struggles to  represent different ways on paper. | 1. Student solves equal-grouping   problem, but does not realize that  as the number of items in a group  increases, the number of equal  groups decreases. | 1. Student solves equal-grouping   problem, but does not recognize  the relationship between opposite  groupings. | 1. Student successfully solves equal-grouping problem and recognizes all patterns. |
| **Observations/Documentation** | | | |
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