

Pass the Problem

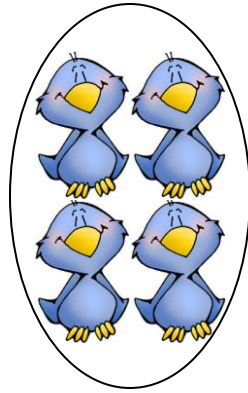
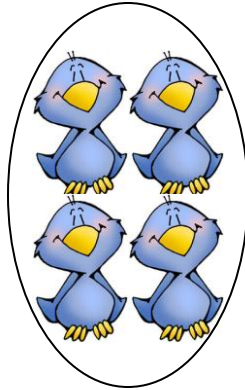
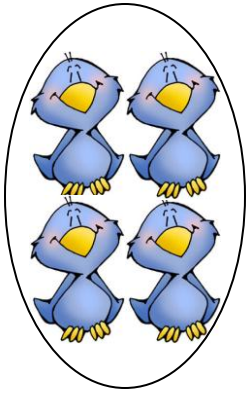
Multiplication

by Grouping with Pictures

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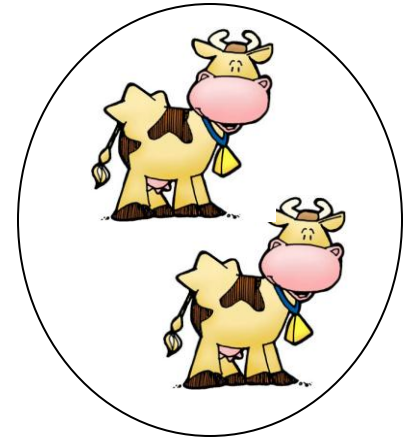
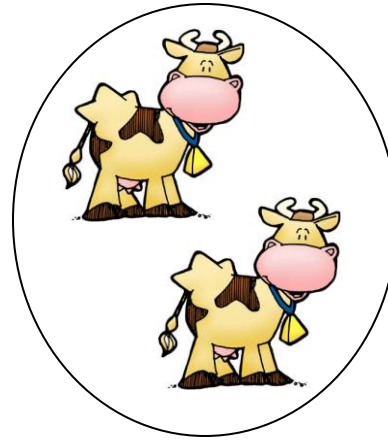
For grades 3-4, Groups of 2-12 How to Play:

1. Pass out one card and one washable marker to each student. Allot the desired amount of time for students to count the number of groups and the number in each group to write an addition sentence based on the groupings.
 2. Then students write a multiplication sentence based on the addition sentence and pictures. This demonstrates the idea that multiplication is fast adding.
 3. At the end of the given time, check the cards. Correct answers can be cleaned off. Wrong answers may be fixed before cleaning the card.
 4. When all cards are clean, tell the students to pass the problem to their neighbor.
 5. Play continues as above until all students have answered all the cards.
- *Instead of using washable markers, students can record their answers on notebook paper. Students write down the number of the cards before writing down recording the answers.



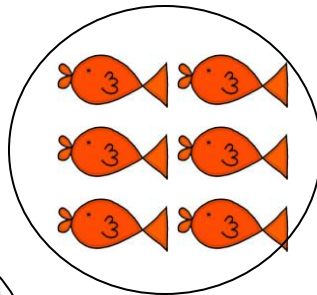
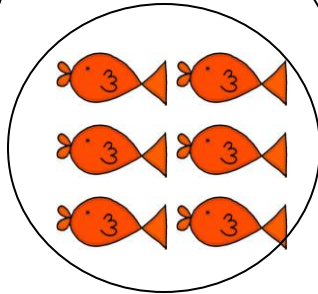
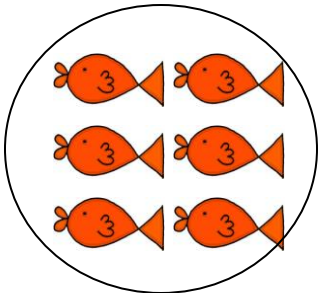
addition sentence:
multiplication sentence:

1



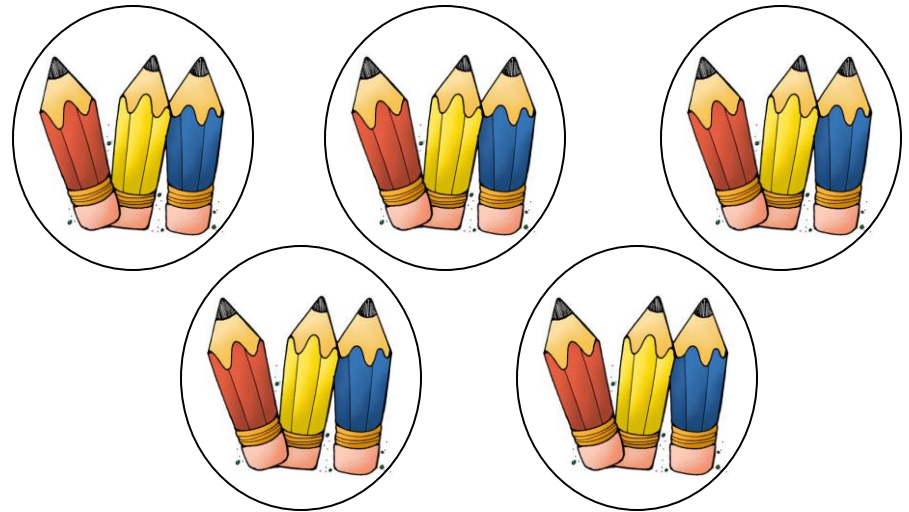
addition sentence:
multiplication sentence:

2



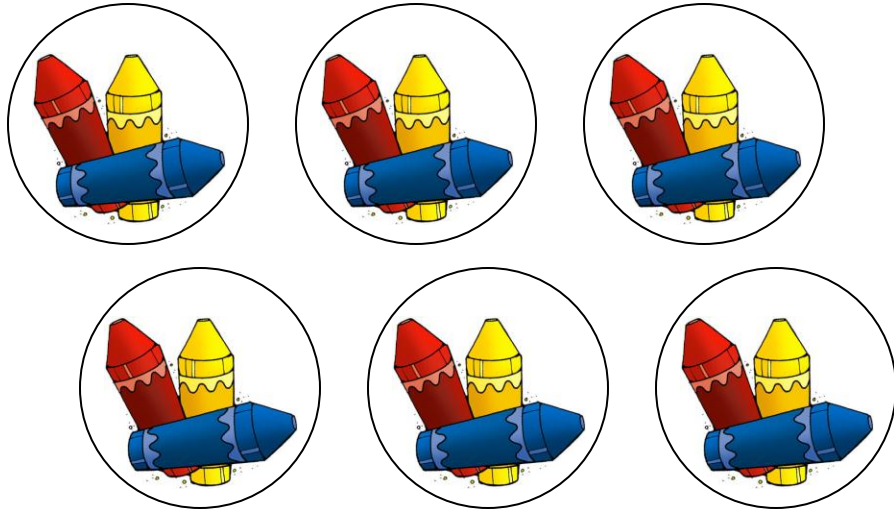
addition sentence:
multiplication sentence:

3



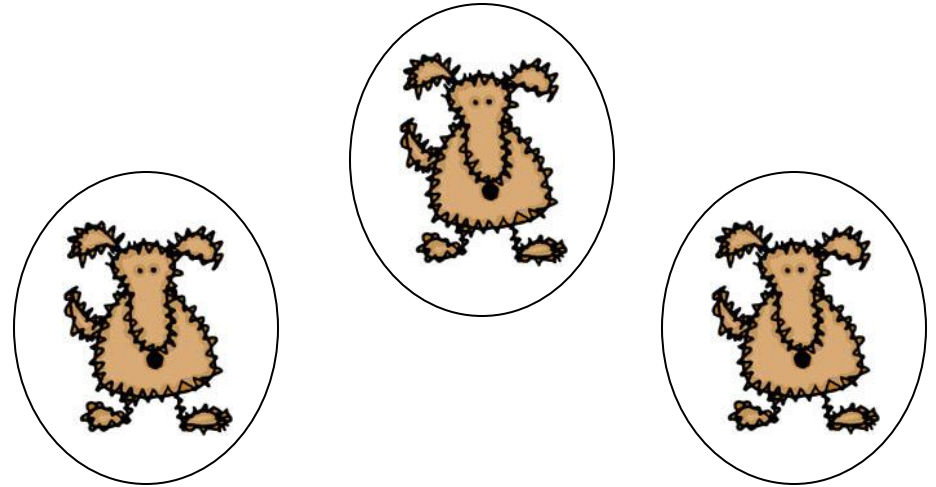
addition sentence:
multiplication sentence:

4



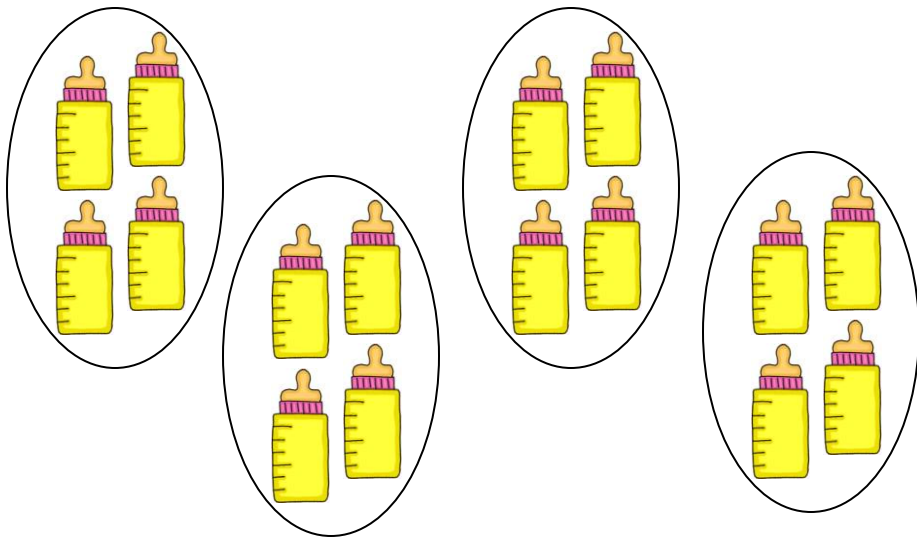
addition sentence:
multiplication sentence:

5



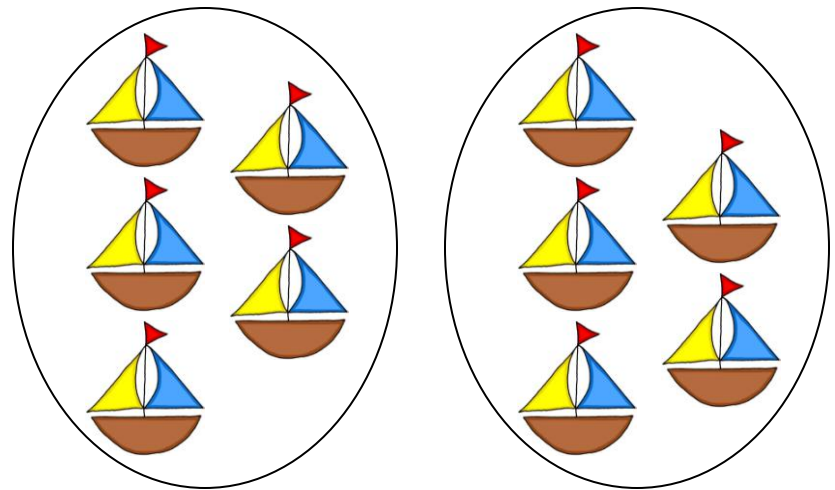
addition sentence:
multiplication sentence:

6



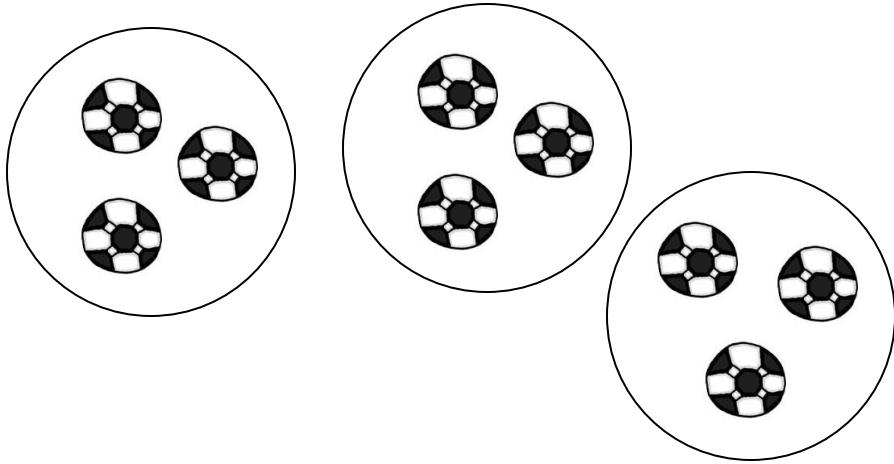
addition sentence:
multiplication sentence:

7



addition sentence:
multiplication sentence:

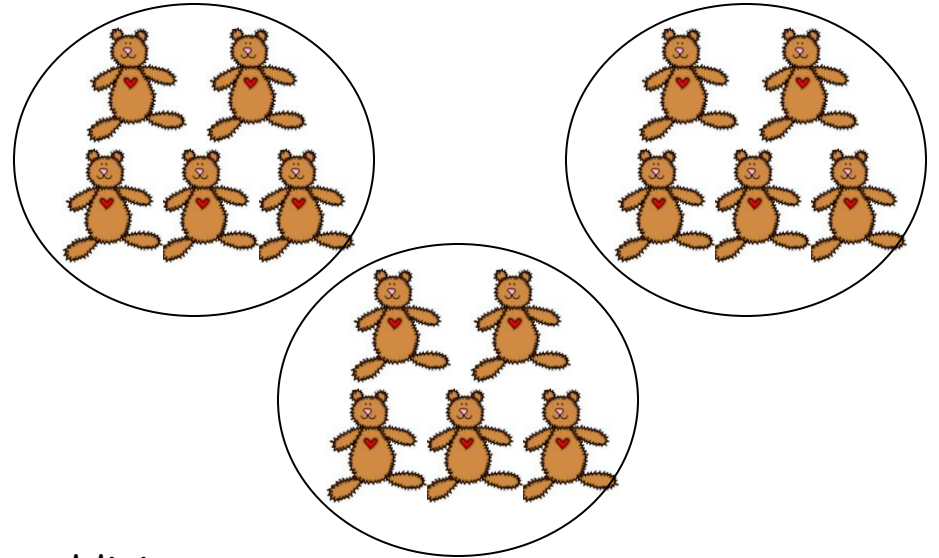
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addition sentence:

multiplication sentence:

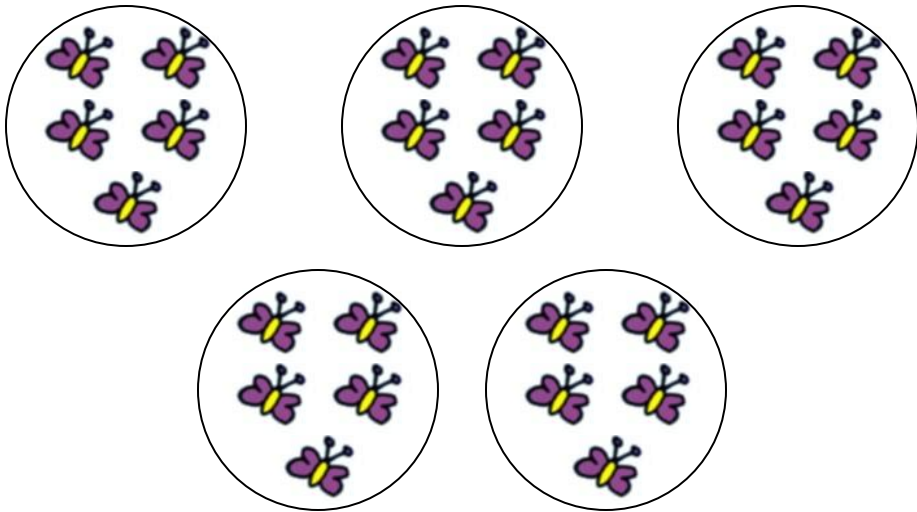
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addition sentence:

multiplication sentence:

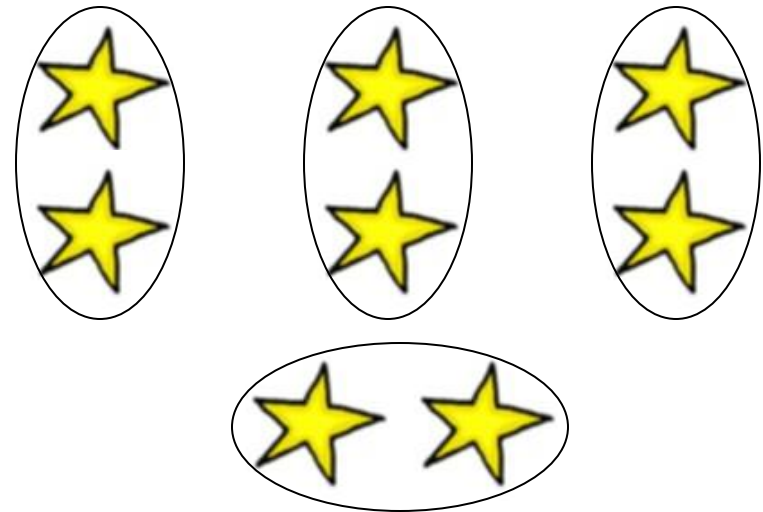
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addition sentence:

multiplication sentence:

11



addition sentence:

multiplication sentence:

12