Order of Operations Word Problems

Name: _____ Date: _____

Write one expression for each story, then solve it using the order of operations.

1. A garden has 6 rows of 11 tulips and 10 rows of 10 daisies. How many flowers are there?

   Expression: _____ **Answer:** _____

2. A class of 48 students makes teams of 12. Each team gets 8 balls. How many balls are needed?

   Expression: _____ **Answer:** _____

3. Zoe saves 5 dollars a week for 7 weeks, then spends 9 dollars on a game. How much is left?

   Expression: _____ **Answer:** _____

4. A theater has 7 rows of 17 seats. 6 seats are broken. How many seats can people use?

   Expression: _____ **Answer:** _____

5. Ruby has 33 dollars and buys 5 notebooks that cost 2 dollars each. How much money is left?

   Expression: _____ **Answer:** _____

6. Lily had 37 trading cards and gave 3 away. Then Lily traded and doubled the cards that were left. How many cards does Lily have?

   Expression: _____ **Answer:** _____

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Answer Key

Write one expression for each story, then solve it using the order of operations.

1. A garden has 6 rows of 11 tulips and 10 rows of 10 daisies. How many flowers are there?

Expression: 6 × 11 + 10 × 10 **Answer:** 166

2. A class of 48 students makes teams of 12. Each team gets 8 balls. How many balls are needed?

Expression: (48 ÷ 12) × 8 **Answer:** 32

3. Zoe saves 5 dollars a week for 7 weeks, then spends 9 dollars on a game. How much is left?

Expression: 5 × 7 - 9 **Answer:** 26

4. A theater has 7 rows of 17 seats. 6 seats are broken. How many seats can people use?

Expression: 7 × 17 - 6 **Answer:** 113

5. Ruby has 33 dollars and buys 5 notebooks that cost 2 dollars each. How much money is left?

Expression: 33 - 5 × 2 **Answer:** 23

6. Lily had 37 trading cards and gave 3 away. Then Lily traded and doubled the cards that were left. How many cards does Lily have?

Expression: (37 - 3) × 2 **Answer:** 68