

Connect Four

2 – 6 players

ALL PLAYERS MUST SHOW ALL WORK ON ANSWER SHEET

Instructions

Rules of Play:

- Each player starts with their own Board.
- The cards go in a pile, face down, in the middle of the group.
- Each group member takes turns and flips over the top card from the pile.
- Each group member solves the problem on their answer key sheet and check together
- After solving the problem, students find the answer on their game board and cover it with a counter (or scrap of paper!).
- The first player to connect four in a row (vertically, horizontally, or diagonally) wins the game!

A classroom had 35 glue sticks. If the ratio of glue sticks to glue bottles was $5 : 2$, how many glue bottles did the classroom have?

A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was $4 : 1$, how many homework problems did she have total?

A recipe called for the ratio of sugar to flour to be $10 : 3$. If you used 70 ounce of sugar, how many ounces of flour would you need to use?

At a bake sale there were 72 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was $9 : 1$, what is the combined amount of raisin and oatmeal cookies sold?

Sally was playing checkers with a friend. The ratio of games Sally won to lost was $9 : 5$. If Sally won 36 games, how many games did her friend win?

A skydiver falls 144 feet in three seconds. How far does the skydiver fall per second?

At a farm the ratio of cows to horses was $7 : 2$. If there were 21 cows at the farm, how many horses were there?

Michael scored 84 points in three games. How many points did he score per game?

Keith was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was $3 : 2$, if he won 18 games, how many games did they play total?

Maria walks 60 miles in 6 hours. How many miles does she walk per hour?

During a race Gwen jogged for 15 minutes. If the ratio of time she jogged to time she walked was $5 : 3$, how many minutes did Gwen walk?

At a farm the ratio of cows to horses was $9 : 8$. If there were 45 cows at the farm, how many horses were there?

The ratio of red cars to blue cars in a parking lot was $5 : 3$. If there were 40 red cars, how many blue cars were there?

A pump moves 80 gallons in five minutes. Find the unit rate.

In one day a movie store rented out 15 comedies. If the ratio of comedies rented to action movies rented was $3 : 1$, how many action movies were rented?

A fast food restaurant sold 30 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was $10 : 7$, how many burgers did they sell total?

Connect Four

Ratio and Unit Rate Word Problems Practice

| | | | |
|----|----|----|----|
| 14 | 10 | 21 | 80 |
| 24 | 16 | 51 | 5 |
| 20 | 48 | 40 | 9 |
| 28 | 15 | 30 | 6 |

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Ratio and Unit Rate Word Problems Practice

| | | | |
|----|----|----|----|
| 51 | 10 | 40 | 14 |
| 30 | 9 | 28 | 16 |
| 48 | 15 | 24 | 5 |
| 21 | 20 | 80 | 6 |

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| | | | |
|----|----|----|----|
| 5 | 30 | 10 | 40 |
| 24 | 9 | 16 | 14 |
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Connect Four

| | | |
|----|----|----|
| 1. | 2. | 3. |
| 4. | 5. | 6. |
| 7. | 8. | 9. |

| | | |
|------------|------------|------------|
| 10. | 11. | 12. |
| 13. | 14. | 15. |
| 16. | | |