



Court Crunchers: Basketball Multi-Step Math

Solve these multi-step math problems using your basketball knowledge!

Name: _____ Date: _____

1 TEAM UNIFORMS

Coach Maya bought 12 home jerseys for \$25 each and 12 away jerseys for \$20 each for the Wildcats. The sports shop applied a \$40 team discount to the final bill. How much money did Coach Maya spend in total?

Work:

Answer: _____

2 FREE THROW PRACTICE

Leo practiced his free throws by taking 15 shots each day from Monday through Saturday. On Sunday, he took 20 extra free throws to finish his week of training. If he missed 18 shots in total, how many free throws did Leo make?

Work:

Answer: _____

3 TOURNAMENT STATS

During a 4-game tournament, Elena made 6 three-pointers and 8 two-pointers in every single game. She did not score any free throws. How many total points did Elena score across all 4 games?

Work:

Answer: _____

4 CONCESSION STAND

At the championship game, the snack bar sold 45 bottles of water for \$2 each and 30 buckets of popcorn for \$4 each. All of the earnings were split equally among 6 student volunteers. How many dollars did each volunteer receive?

Work:

Answer: _____

5 CARD COLLECTING

Marcus started with 150 basketball cards in his collection. He traded away 30 cards to a friend and divided the rest equally into 6 storage albums. If he then added 12 new rookie cards to his first album, how many cards are in that first album now?

Work:

Answer: _____

6**ARENA ATTENDANCE**

A local basketball arena has 5 lower-bowl sections with 40 seats in each section. For Friday's game, all lower-bowl seats were sold, along with 85 upper-balcony tickets. If 25 ticket holders canceled right before game time, how many spectators actually attended?

Work:

Answer: _____

Answer Key

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1. Coach Maya bought 12 home jerseys for \$25 each and 12 away jerseys for \$20 each for the Wildcats. The sports shop applied a \$40 team discount to the final bill. How much money did Coach Maya spend in total? **500**
2. Leo practiced his free throws by taking 15 shots each day from Monday through Saturday. On Sunday, he took 20 extra free throws to finish his week of training. If he missed 18 shots in total, how many free throws did Leo make? **92**
3. During a 4-game tournament, Elena made 6 three-pointers and 8 two-pointers in every single game. She did not score any free throws. How many total points did Elena score across all 4 games? **136**
4. At the championship game, the snack bar sold 45 bottles of water for \$2 each and 30 buckets of popcorn for \$4 each. All of the earnings were split equally among 6 student volunteers. How many dollars did each volunteer receive? **35**
5. Marcus started with 150 basketball cards in his collection. He traded away 30 cards to a friend and divided the rest equally into 6 storage albums. If he then added 12 new rookie cards to his first album, how many cards are in that first album now? **32**
6. A local basketball arena has 5 lower-bowl sections with 40 seats in each section. For Friday's game, all lower-bowl seats were sold, along with 85 upper-balcony tickets. If 25 ticket holders canceled right before game time, how many spectators actually attended? **260**