



Basketball Math Challenge

Solve multi-step word problems on the court!

Name: _____ Date: _____

1 GAME TICKETS

Leo buys 4 tickets to a local basketball game for \$8 each. He pays the cashier with a \$50 bill. How much change does Leo receive?

Work: _____

Answer: _____

2 GAME STATS

Maya scored 5 three-pointers and 4 two-pointers during her weekend game. Her friend Sam scored 18 points in total. How many more points did Maya score than Sam?

Work: _____

Answer: _____

3 PRACTICE EQUIPMENT

Coach Carter brought 24 leather basketballs and 12 rubber basketballs to the gym. He split all the basketballs equally among 4 practice stations. How many basketballs were at each station?

Work: _____

Answer: _____

4 TEAM ACCESSORIES

The Wildcats ordered 6 packs of wristbands with 4 wristbands in each pack. They gave 2 wristbands to each of the 8 players on the team. How many wristbands are left over?

Work:

Answer: _____

5 SHOOTING DRILLS

Marcus practiced shooting free throws for 15 minutes each day for 6 days in a row. He then divided his total practice time equally into 3 afternoon sessions. How many minutes long was each session?

Work:

Answer: _____

6 TRADING CARDS

Elena started with 35 basketball cards in her album. She bought 3 new booster packs that contained 8 cards each, then traded away 12 cards to her brother. How many basketball cards does she have now?

Work:

Answer: _____

Answer Key

Basketball Math Challenge · Grade 4

1. Leo buys 4 tickets to a local basketball game for \$8 each. He pays the cashier with a \$50 bill. How much change does Leo receive? **18**
2. Maya scored 5 three-pointers and 4 two-pointers during her weekend game. Her friend Sam scored 18 points in total. How many more points did Maya score than Sam? **5**
3. Coach Carter brought 24 leather basketballs and 12 rubber basketballs to the gym. He split all the basketballs equally among 4 practice stations. How many basketballs were at each station? **9**
4. The Wildcats ordered 6 packs of wristbands with 4 wristbands in each pack. They gave 2 wristbands to each of the 8 players on the team. How many wristbands are left over? **8**
5. Marcus practiced shooting free throws for 15 minutes each day for 6 days in a row. He then divided his total practice time equally into 3 afternoon sessions. How many minutes long was each session? **30**
6. Elena started with 35 basketball cards in her album. She bought 3 new booster packs that contained 8 cards each, then traded away 12 cards to her brother. How many basketball cards does she have now? **47**