

Basketball Multiplication

Multiply baskets by points to fill the scoreboard.
Problems get harder as you go. Show your work!

Name _____

Date _____

BASKETBALL SCORING

1

free throw

2

basket inside
the arc

3

basket from
behind the arc

4 × 2

4 two-pointers
= 8 points

HOME • 4TH QTR • GUEST

48

45

× 2

× 3

× 1

1
Mia makes 4 two-point baskets. How many points does she score?

WORK SPACE

_____ points

ROOKIE

2
Leo makes 3 three-pointers. How many points is that?

WORK SPACE

_____ points

ROOKIE

3
The Hawks make 6 free throws. How many points do they get?

WORK SPACE

_____ points

STARTER

4
Zoe makes 5 two-pointers and 2 three-pointers. How many points does she score in all?

WORK SPACE

_____ points

STARTER

5
The Comets make 7 three-pointers and 8 two-pointers. How many points do they score?

WORK SPACE

_____ points

PRO

6
Jada scores 18 points, all on three-pointers. How many three-pointers did she make?

WORK SPACE

_____ three-pointers

PRO

7
The Owls make 9 two-pointers, 4 three-pointers and 5 free throws. What is their final score?

WORK SPACE

_____ points

ALL-STAR

8
Sam scores 20 points on 7 baskets. Every basket was a two-pointer or a three-pointer. How many three-pointers did he make?

WORK SPACE

_____ three-pointers

CHALLENGE ★

A Fill the Box Score

Here are the made-up Comets' baskets from one game.

PLAYER	2-POINTERS × 2	3-POINTERS × 3	FREE THROWS × 1	POINTS
Ava Lee	6	1	2	
Ben Cruz	3	2	4	
Cy Moss	4	0	3	
Dee Hart	2	3	1	
Team total				

- 1 Multiply to find each player's **points**, then add them up.
- 2 What is the **team total**? Write it in the last box.
- 3 Who scored the most points?

- 4 How many more points did Ava score than Cy?

B Times Table Shootout

Fill in the empty boxes. How many points do that many baskets make? Look for the pattern.

BASKETS MADE	1	2	3	4	5	6	7	8	9	10
● 2-pointers (× 2)	2	4			10					20
● 3-pointers (× 3)	3	6			15					30

C Missing Numbers

Use division to work backward. Tip: think "3 times what makes 24?"

- 1 The Hawks scored **24 points**, all on three-pointers. How many three-pointers did they make?

WORK SPACE

_____ three-pointers

- 2 Kai scored **14 points**, all on two-pointers. How many baskets did he make?

WORK SPACE

_____ baskets

- 3 All **5 starters** scored the **same** number of points. Together they scored **45**. How many did each score?

WORK SPACE

_____ points

Answer Key (for teachers & parents)

Answers for **Basketball Multiplication**, with the work shown where it helps. Print pages 1 and 2 for students, and keep this page for checking.

Page 1 Problems

1. **8** (4×2)
2. **9** (3×3)
3. **6** (6×1)
4. **16** ($10 + 6$)
5. **37** ($21 + 16$)
6. **6** ($18 \div 3$)
7. **35** ($18 + 12 + 5$)
8. **6 three-pointers**
($18 + 2 = 20$, with 1 two-pointer)

A • Box Score

1. **Ava 17, Ben 16, Cy 11, Dee 14**
2. **58**
3. **Ava Lee**
4. **6 more** ($17 - 11$)

B • Times Table Shootout

- × **2 row**: 2, 4, **6, 8**, 10, **12, 14, 16, 18**, 20
 × **3 row**: 3, 6, **9, 12**, 15, **18, 21, 24, 27**, 30

C • Missing Numbers

1. **8** ($24 \div 3$)
2. **7** ($14 \div 2$)
3. **9** ($45 \div 5$)

Quick score

Page 1 problems	_____ / 8
A • Box Score	_____ / 4
B • Times Table Shootout	_____ / 12
C • Missing Numbers	_____ / 3
Total	_____ / 27

Skills practiced

Multiplying by 1, 2 and 3

Multi-step addition

Number patterns

Missing factors

Division facts

Teaching tip: If a student is stuck on #8, have them list combinations of 7 baskets (7 twos, 6 twos + 1 three, ...) and add up each one until they reach 20.