Basketball Math Practice With Answers

FAMILY LEARNING | FICTIONAL PRACTICE | GRADES 3-6

NAME _____	DATE _____	SCORE _____ / 1

STORY Read the story, then answer the questions.

Choose the right challenge

All numbers are fictional practice data. Start with items 1-3 for whole-number operations and fractions. Items 4-6 add averages, percentages, and graphing. The grade range describes this mixed activity, not one standard for every learner.

About the score

The score box counts the multiple-choice check; written responses are for explanation and practice.

MATH Math practice. Show your work.

1 **A player makes four two-point baskets, two three-point baskets, and three free throws. How many points does the player score?**

(A) 9 points

(B) 14 points

(C) 17 points

(D) 23 points

SHOW YOUR WORK

2 **The Comets trail 18-14. They score 6 points while the other team scores 3. What is the new score, and which team leads?**

SHOW YOUR WORK

3 **A player makes 6 of 10 shots. Write the made-shot fraction and an equivalent fraction in simplest form.**

SHOW YOUR WORK

4 **A team scores 12, 18, and 15 points in three practice rounds. Find the mean.**

SHOW YOUR WORK

5 **Ari makes 8 of 20 shots. Jo makes 9 of 15 shots. Find each percentage, then compare.**

SHOW YOUR WORK

6 **On graph paper, draw a bar graph for four practice scores: 10, 16, 12, and 18. Label both axes and use a vertical scale counting by 2.**

SHOW YOUR WORK

Answer key starts on the next page. Keep it back before handing out.

ANSWER KEY

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About 5 minutes

Separate these pages before giving the worksheet to students.

MATH

1 C 17 points

(4 x 2) + (2 x 3) + 3 = 17.

2 What a good answer includes:

Comets: 14 + 6 = 20. Other team: 18 + 3 = 21. The lead is 1 point.

3 What a good answer includes:

Divide numerator and denominator by 2.

4 What a good answer includes:

(12 + 18 + 15) / 3 = 15.

5 What a good answer includes:

8 / 20 = 0.4. 9 / 15 = 0.6. Multiply each decimal by 100.

6 What a good answer includes:

Label the horizontal axis Practice round and the vertical axis Points. Keep the bars equally wide.