

# MEAN GAME

The "mean" is another word for average. The number of points a basketball player scores per game is called average per game. You can also say mean number of points per game. Here is an example of how you find the average.

If Kwong scored 23 points in game one, 25 points in game two, 40 in game three and 17 in game four, what is his mean score for all four games(average).

Step One: Add the scores!

$$\begin{array}{r} 23 \\ 25 \\ 40 \\ +17 \\ \hline 105 \end{array}$$

Step Two: Divide the scores by the number of scores you added.

$$\begin{array}{r} 26 \\ 4 \overline{)105} \\ \underline{-8} \\ 25 \\ \underline{-24} \\ 1 \end{array}$$

Step Three: If you have a remainder like the problem above. make the remainder into a decimal just like the following.

$$\begin{array}{r} 26. \\ 4 \overline{)105.} \\ \underline{-8} \\ 25 \\ \underline{-24} \\ 1 \end{array} \quad \leftarrow \text{Automatically add a decimal to these two places.}$$

$$\begin{array}{r} 26.2 \\ 4 \overline{)105.0} \\ \underline{-8} \\ 25 \\ \underline{-24} \\ 10 \\ \underline{-8} \\ 2 \end{array} \quad \leftarrow \text{After you add a decimal, add a zero to the end of this number and bring your zero down!}$$

If you have another remainder, keep adding an extra zero to your number until you have no remainder left.

$$\begin{array}{r} 26.25 \\ 4 \overline{)105.00} \\ \underline{-8} \\ 25 \\ \underline{-24} \\ 10 \\ \underline{-8} \\ 20 \\ \underline{-20} \\ 0 \end{array} \quad \leftarrow \text{Kwong scored 26.25 points over a four game span!}$$

Name \_\_\_\_\_ Date: \_\_\_\_\_ Home Room \_\_\_\_\_

1) Here are the points Ameshia scored over five games:

14 34 23 19 21 What is the mean score?

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2) Here are the points per game that Jeremy scored over seven games:

12 14 18 40 5 35 13 Find the average or the mean.

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3) Sandra scored 34 12 2 5 8 and 15 points over six games.  
What was her average score?

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4) Courtney scored the following points over ten games:

12 15 13 12 22 35 7 5 11 28 Find Courtney's average score.

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5) Ricky scored the following points over eight games.

2 6 2 1 23 15 12 24 Find the mean score of the eight games he played.

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6) Noelle scored the following points over 5 games. 32 25 22 28 32

What was her average score?

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7) Jamison scored 22 2 12 30 50 15 10 12 points.

What is his average score?

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8) Brandon scored 23 25 25 32 10 points over five games.

What is his average.

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9) Sabrina scored 10 12 20 24 8 10 12 20 points over eight games.

what was her average?

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10) Travis scored the following points over six games: 4 22 4 35 25 18.

What was his average.

