

Averages - Missing Values

The mean of five numbers is 15
Four of the numbers are 11 5 19 8

What is the fifth value?

The mean of five numbers is 12
Four of the numbers are 0 14 9 2

What is the fifth value?

The mean of five numbers is 3
Four of the numbers are 19 16 13 20

What is the fifth value?

The mean of four numbers is 15
Three of the numbers are 9 18 4

What is the fourth value?

The mean of five numbers is 13
Four of the numbers are 8 0 9 20

What is the fifth value?

The mean of six numbers is 5
Five of the numbers are 1 0 6 0 13

What is the sixth value?

The mean of five numbers is 8
Four of the numbers are 5 6 5 8

What is the fifth value?

The mean of seven numbers is 15
Six of the numbers are 10 6 18 7 4 8

What is the seventh value?

The mean of five numbers is -4
Four of the numbers are -3 1 -2 8

What is the fifth value?

Sports Data

Phil Taylor had an average of 35 per dart after his first 9 darts. After 10 darts, his average was 32. What did he score with his tenth dart?



Tom Daley's average was 87.8 per dive after his first 5 dives. He scored a total of 539.4 after his sixth dive. What did he score on his sixth dive?

The average number of minutes that Wayne Rooney played in each of his last 5 matches was 87.6 minutes. He played 90 minutes in four of them, so how many minutes did he play in the fifth?



Usain Bolt's average time for his last 5 races was 9.8 seconds. His average for the last 4 races was 9.74 seconds. What was his time in the 5th race?

Jessica Ennis's average score at her last four World Championships is 6693.5 points. She scored 6469, 6731 and 6823 in first three championships. What did she score in her fourth?



Amir Khan has had five professional fights since 2010. He finished his five fights in an average of 9.2 rounds. Four of his fights finished in 11, 12, 6 and 5 rounds. How many rounds was his other fight?

Rebecca Adlington has competed for the 800m freestyle in 6 British Championships. Her average time is 8m26sec. Her average for her first 5 swims was 8m27sec. How long was her last swim?



Who would you rather have on your team?

You are the captain of a bowling team. You have to choose a team of 5 bowlers from the people below. Give reasons for your choices.

Last 10 scores

Jack	104	120	146	112	135	130	145	166	109	120
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Jodie	74	157	275	178	218	260	63	143	110	84
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Alex	114	150	166	144	128	102	181	168	149	144
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Kirsty	133	123	196	194	71	82	82	221	111	253
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James	127	130	167	151	137	130	130	156	104	130
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Jamie	169	126	229	79	71	175	94	94	170	117
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Danny	146	140	146	142	141	146	144	144	150	147
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Josh	142	145	108	119	165	104	134	114	151	152
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Joe	138	163	126	171	120	167	146	130	130	117
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Curtis	185	170	127	123	170	91	194	189	111	131
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Team Sheet

Reasons

Player 1
Player 2
Player 3
Player 4
Player 5