

What Should You Do If a Health Food Salesman Knocks on Your Door?

Use a calculator to do each exercise. Find your answer and cross out the letter next to it. When you finish, the answer to the title question will remain.

Answers	
39.75	D
49.1	E
0.342	N
8.8	E
86.67	S
89.60	I
0.269	P
39.4	U
12.7	M
86.40	A
48.3	E
79.15	K
0.367	T
41.25	I
83.48	F
30.1	L
91.13	E
0.247	V
28.9	A
87.75	S
42.1	
15.0	H

In golf, a player's average is found by adding the player's scores on several rounds of golf and dividing by the number of scores. The quotient is rounded to the nearest hundredth. Find the average for each golfer.

- (1) Scores: 84, 96, 83, 79, 88, 90
- (2) Scores: 94, 89, 94, 85, 91, 90, 101, 85
- (3) Scores: 78, 82, 79, 72, 90, 87, 75, 78, 86, 79, 69, 81, 73

In ice skating, a performance is rated by several judges. The highest and lowest ratings are dropped. The remaining ratings are added. Find the scores for each skater.

- (4) Judges' ratings: 8.3, 8.8, 8.6, 8.3, 8.5, 8.0, 8.4
- (5) Judges' ratings: 7.9, 7.6, 7.9, 8.1, 7.9, 8.0, 7.7
- (6) Judges' ratings: 9.8, 9.9, 10.0, 9.7, 9.9, 9.8, 9.6

In baseball, a player's batting average is found by dividing the number of hits by the number of times at bat. The quotient is rounded to the nearest thousandth. Find the batting average for each player.

- (7) Hits: 195 At bats: 788
- (8) Hits: 794 At bats: 2,954
- (9) In 24 years of professional baseball, Ty Cobb got 4,191 hits in 11,429 times at bat.

In diving, each dive is given a number called the degree of difficulty. A dive is rated by several judges. The degree of difficulty is multiplied by the sum of the judges' ratings. Find the scores for each dive.

- (10) Difficulty: 1.5 Ratings: 6.5, 6.0, 6.5, 7.5
- (11) Difficulty: 2.7 Ratings: 8.0, 8.0, 8.5, 8.0
- (12) Difficulty: 2.4 Ratings: 9.5, 9.0, 9.0, 8.5

In basketball, a player's scoring average is found by dividing the number of points scored by the number of games played. The quotient is rounded to the nearest tenth. Find the scoring average for each player.

- (13) Points: 1,444 Games: 165
- (14) Points: 5,712 Games: 380
- (15) In 14 years of professional basketball, Wilt Chamberlain played in 1,045 games and scored 31,419 points.

Why Does Zara Have a Good Driving Record?

Cross out the box containing each correct answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

- ① The scores of 7 students on 4 different tests are given in the table. Find each of the following to the nearest tenth of a point:
- A. The average of Dean's scores.
 - B. The average of Kim's scores.
 - C. The average of Brett's scores.
 - D. The average of the scores on Test 1.
 - E. The average of the scores on Test 3.
 - F. The average of the scores on Test 4.

Name	Test 1	Test 2	Test 3	Test 4
Cindy	83	87	79	84
Dean	74	85	91	79
Tara	93	96	84	88
Marco	86	99	89	100
Kim	76	87	66	82
Damon	76	81	62	90
Brett	83	100	77	94

- ② The receipts of a school cafeteria for one day were \$1084.77. If 849 students were served, find the average amount each student spent to the nearest cent.

- ③ Practice times for 4 swimmers in the 100-meter backstroke are given in the table. Find each of the following to the nearest 0.01 second:
- A. The average of Cesar's times.
 - B. The average of Lee's times.
 - C. The average of the times on Trial 1.
 - D. The average of the times on Trial 3.

Name	Trial 1 (s)	Trial 2 (s)	Trial 3 (s)
Cesar	71.68	74.09	74.35
Teri	69.41	70.22	67.80
Rick	66.04	63.95	65.29
Lee	73.80	73.87	75.31

- ④ Michelle picked 6 squash from her garden. They weighed 3.47 lb, 4.29 lb, 3.55 lb, 4.41 lb, 3.08 lb, and 4.16 lb.
- A. What was their average weight to the nearest 0.01 pound?
 - B. How much greater than the average was the weight of the heaviest squash?

- ⑤ Bill makes money mowing lawns on weekends. His time worked and earnings for five months are given in the table. Find the following:
- A. Average earnings per month to the nearest cent.
 - B. Average time worked per month to the nearest 0.1 hour.
 - C. Average earnings per hour to the nearest cent.

Month	Hours	Earnings
May	9.5	\$ 50.75
June	10.0	54.00
July	12.5	62.75
Aug	9.5	47.25
Sept	12.0	60.00

- ⑥ Sam ran a marathon of 26.219 miles at an average of 5.27 minutes for each mile. How many minutes did he take to run the race? (Round to the nearest 0.01 min.)

TH 78.3	CA 74.33 s	RS 0.58 lb	SH \$4.95	EH \$5.14	IT 70.69 s	AS 77.8	EI \$55.15
SS \$1.28	SW 129.77	ON 138.17	IT 82.3	HE 88.1	RE 83.4	ST 81.6	LU 10.7 h
CK 11.2 h	SK 3.83 lb	IL 70.23 s	LE 71.14 s	AN \$54.95	TS 88.5	SS 3.71 lb	ON 73.37 s