

Average or Mean

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1. In July, Lupe's electricity bill was \$14. In August, it was \$22. In September, it was \$18. What was her **average** electricity bill for these three months?

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
①	①	①	①	①
②	②	②	②	②
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

2. George Johnson weighs 185 pounds. His wife, June, weighs 138 pounds. Their daughter, Jan, weighs 97 pounds. Their son, Joe, weighs 88 pounds. What is the **average** weight of the members of the Johnson family?

① ② ③ ④ ⑤

- (1) 127 pounds
 (2) 129 pounds
 (3) 150 pounds
 (4) 235 pounds
 (5) 508 pounds

3. Diane took five math tests. Her scores were 65, 86, 79, 92, and 88. Find her **average** score for these five tests.

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
①	①	①	①	①
②	②	②	②	②
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

4. Patricio is a traveling salesman. Monday, he drove 284 miles; Tuesday, he drove 191 miles; Wednesday, he drove 297 miles; Thursday, he drove 162 miles; Friday, he drove 256 miles. Find the **mean** distance he drove each day.

① ② ③ ④ ⑤

- (1) 230 miles
 (2) 232 miles
 (3) 236 miles
 (4) 238 miles
 (5) 240 miles

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5. Sam works on commission in a department store. The first week in December he made the following commissions.

Week 1 \$146
 Week 2 \$192
 Week 3 \$233
 Week 4 \$265

Find the **average** weekly commission for December.

	⊘	⊘	⊘	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

6. On Monday, David bought 11 gallons of gas. On Wednesday, he bought 9 gallons of gas; on Friday, he bought 13 gallons of gas. Find the **average** number of gallons of gas he bought.

① ② ③ ④ ⑤

- (1) 11 gallons
 (2) 13 gallons
 (3) 23 gallons
 (4) 33 gallons
 (5) 44 gallons

7. Virginia received scores of 48, 42, 40, and 50 on four tests. Find her **average** score.

① ② ③ ④ ⑤

- (1) 40
 (2) 45
 (3) 50
 (4) 55
 (5) 60

8. The Arkansas Valley Horse Show was held last week.

212 people attended Wednesday

192 people attended Thursday

288 people attended Friday

304 people attended Saturday

Find the **average** number of people who went to the show each night.

① ② ③ ④ ⑤

- (1) 246 people
 (2) 249 people
 (3) 251 people
 (4) 253 people
 (5) 254 people

9. John weighs 187 pounds. His brother Martin weighs 159 pounds. What is their **average** weight?

① ② ③ ④ ⑤

- (1) 17 pounds
 (2) 171 pounds
 (3) 173 pounds
 (4) 176 pounds
 (5) 346 pounds

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10. In 1994, Mr. Madison made \$14,800. Mrs. Madison made \$12,500. Their daughter Lisa made \$6,000, and their son Justin made \$4,200. What was the **mean** income for each person in the Madison family?

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

11. Last week the noon temperature in Las Animas was as follows:

Monday	69°
Tuesday	71°
Wednesday	56°
Thursday	63°
Friday	66°

What was the **average** noon temperature for those days?

① ② ③ ④ ⑤

- (1) 65°
 (2) 81°
 (3) 325°
 (4) 352°
 (5) 386°

12. In 2000 Henrietta made \$14,700. In 2001 she made \$13,900. In 2002 she made \$15,800. What was her **average** yearly salary?

① ② ③ ④ ⑤

- (1) \$440
 (2) \$14,800
 (3) \$44,000
 (4) \$44,400
 (5) \$44,800

13. The **total** weekly payroll of Black Hills Energy is \$260,000. 400 people work at Black Hills. What is the **mean** pay for each employee?

① ② ③ ④ ⑤

- (1) \$65
 (2) \$650
 (3) \$6,500
 (4) \$65,000
 (5) \$650,000

14. The Trainors' phone bills were as follows.

July	\$25.66
August	\$33.27
September	\$19.28
October	\$25.99
November	\$18.67

What was the **mean** phone bill for the **first three months**?

① ② ③ ④ ⑤

- (1) \$2.67
 (2) \$25.00
 (3) \$26.00
 (4) \$26.07
 (5) \$26.70

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-

15. A car salesman at John Elway Motor sold the following cars in October.

cars	cost per car
3	\$ 650.00
4	\$ 875.00
2	\$ 1,100.00

What was the **average** cost per car?

① ② ③ ④ ⑤

- (1) \$850
(2) \$875
(3) \$2,625
(4) \$8,500
(5) \$8,750

16. Blank DVDs are sold in packages of 8 for \$20 or \$5 for each individual DVD. Juana bought 1 package of 8 DVDs and 2 separate DVDs. What was the **average** price of each DVD that she bought?

① ② ③ ④ ⑤

- (1) \$2.00
(2) \$2.50
(3) \$3.00
(4) \$3.50
(5) \$4.50