

Algebra I Practice N.Q.A.2: Using Rate

www.jmap.org

NAME: _____

1. A writer was paid \$35,000 for a 5,000-word article. Find the rate per word.
[A] \$70.00 per word [B] \$0.14 per word
[C] \$7.00 per word [D] \$1.43 per word
2. Find each unit price to decide which is the best buy.
[A] 15 sodas for \$8.10
[B] 12 sodas for \$6.96
[C] 5 sodas for \$2.80
[D] 13 sodas for \$7.41
3. Find each unit price to decide which is the best buy.
[A] 8 cookies for \$5.20
[B] 6 cookies for \$3.96
[C] 14 cookies for \$9.66
[D] 3 cookies for \$1.92
4. Find each unit price to decide which is the best buy.
[A] 10 granola bars for \$8.80
[B] 16 granola bars for \$13.92
[C] 9 granola bars for \$8.10
[D] 4 granola bars for \$3.68
5. Find each unit price to decide which is the best buy.
[A] 11 bagels for \$6.93
[B] 5 bagels for \$3.40
[C] 7 bagels for \$4.69
[D] 3 bagels for \$1.98
6. Find each unit price to decide which is the best buy.
[A] 14 burritos for \$11.76
[B] 7 burritos for \$5.60
[C] 4 burritos for \$3.24
[D] 13 burritos for \$10.66
7. Find each unit price to decide which is the best buy.
[A] 6 hot dogs for \$6.06
[B] 16 hot dogs for \$16.32
[C] 10 hot dogs for \$9.90
[D] 8 hot dogs for \$8.32
8. Find each unit price to decide which is the best buy.
[A] 9 tacos for \$8.01
[B] 11 tacos for \$10.23
[C] 12 tacos for \$10.92
[D] 15 tacos for \$13.20
9. Jonah needs to purchase 24 juice packs for his class. While shopping, Jonah discovers the following prices for comparable juice packs. Which offers the best unit price?
[A] 1 pack for \$0.33
[B] 12 packs for \$2.79
[C] 8 packs for \$2.09
[D] 4 packs for \$0.99
10. Jeff's car gets 444 miles with a full tank of gas. If his gas tank holds twelve gallons, how many miles per gallon is his car getting?
[A] 34 [B] 37 [C] 44.4 [D] 12

Algebra I Practice N.Q.A.2: Using Rate

www.jmap.org

[1] C

[2] A

[3] D

[4] B

[5] A

[6] B

[7] C

[8] D

[9] B

[10] B