1. The Rattlers' basketball team wants to reach Oklahoma City, which is 195 miles away, in 3 hours. How many miles **per** hour must the bus average?

   (1) 33
   (2) 41
   (3) 43
   (4) 44
   (5) 65

2. Before a trip, George's car odometer read 23,465.2 miles. What was the odometer reading after the car was driven 223 miles?

   (1) 248
   (2) 23,688.2
   (3) 23,689
   (4) 23,703.8
   (5) 45,090

3. In an airplane's altimeter, the <u>shorter</u> hand indicates **thousand**s of feet above sea level. The <u>longer</u> hand indicates **hundreds** of feet above sea level. An American Airline's airplane altimeter has the reading shown below. How many feet above sea level is the airplane flying?
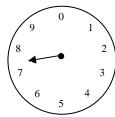


   (1) 6
   (2) 60
   (3) 600
   (4) 6,000
   (5) 60,000

4. A new United Airline's jet plane costs $22.4 million. United Airlines has ordered 18 new jets. Find the **total** value of 18 new jets?
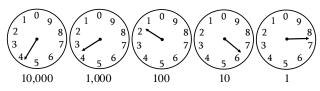


5. Miguel Montoya bought 1 $^2/_3$ pounds of roast beef, 2 $^1/_3$ pounds of potato salad, and $^1/_3$ pound of Provolone cheese at the deli. Approximately, what is the **total** weight of his purchases?

   (1) 3 $^1/_6$
   (2) 3 $^1/_3$
   (3) 3 $^2/_3$
   (4) 4 $^1/_3$
   (5) 4 $^2/_3$

6. On an exam Patricio got 18 questions right and 2 questions wrong. What is the **ratio** of the **number right** to the **total**.

   (1) 1:8
   (2) 1:9
   (3) 1:18
   (4) 9:10
   (5) 10:9

7. What is the reading for the dial on the meter in the shop below?



   (1) 7
   (2) 8
   (3) 8.5
   (4) 78
   (5) 87

8. What is the reading on the Source Gas meter?

KILOWATT HOURS



   (1) 43167
   (2) 43168
   (3) 43178
   (4) 44167
   (5) 44177

9. Mr. Gallegos bought fourteen 6 foot boards for $12 each and twenty five 8 foot boards for $18 each. How much money did he spend **all together**?

   (1) $216
   (2) $316
   (3) $534
   (4) $618
   (5) Not enough information given

10. Mrs. Gutierrez bought 9 yards of material at $5 a yard and a pattern for $3. Which of the following expression represents the **total** of Mrs. Gutierrez's purchases?

   (1) $5 + $3
   (2) $5 x (9 + 3)
   (3) 9 x $5
   (4) 9 ($5) + $3
   (5) 9($5 + $3)

11. Ralph averages 70 miles an hour. How many **total** miles can he go in 13 hours?



12. What is the **ratio** of 6 inches to 1 foot? There are 12 inches in a foot.

   (1) 1:2
   (2) 1:3
   (3) 1:6
   (4) 2:1
   (5) 6:1

13. What is the **total** cost for these groceries?

| | | |
|---|---|---|
| Arty's Apple Juice | $1.49 |
| Round Steak | $9 |
| Rainbow Bread | $1 |
| Chiquita Bananas | $.78 |
| Campbell's Soup | $.39 |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | ⊘ | ⊘ | ⊘ | |
| ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| 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 |

14. Julia takes a round trip flight from Los Angeles to San Francisco that costs $138. Leslie has a fear of flying and takes the bus from Los Angeles to San Francisco for $48.85. She returns on the train for $63. **How much more** money does Julia spend than Leslie?

    (1) $21.95
    (2) $23.95
    (3) $26.15
    (4) $50.65
    (5) $55.75

15. If 20 yards of material cost $59.80, how much does **one** yard cost?

    (1) $.99
    (2) $2.88
    (3) $2.99
    (4) $3.98
    (5) $4.98

16. In November, sales receipts at Dillard's totaled $7,832 the first week, $6,445 the second week, $7,230 the third week, and $5,989 the fourth week. What was Dillard's **mean** weekly sales for November?

    (1) $6,487
    (2) $6,784
    (3) $6,870
    (4) $6,874
    (5) $27,496

17. Mrs. Armijo had 5 dozen eggs. She sold 2 ½ dozen and used 1 ¾ dozen. How many dozen did she **have left**?

    (1) ½
    (2) ¼
    (3) ¾
    (4) 1 ¼
    (5) 1 ¾

18. Find the **median** amount.

    | |
    |---|
    | $4.25 |
    | $5.23 |
    | $1.27 |
    | $6.43 |
    | $.88 |

    (1) $.88
    (2) $1.27
    (3) $4.25
    (4) $5.23
    (5) $6.43

19. In one week in October a thermometer recorded these temperatures.

| | |
|---|---|
| Monday | 63° |
| Tuesday | 72° |
| Wednesday | 83° |
| Thursday | 76° |
| Friday | 59° |
| Saturday | 70° |

What was the **median** temperature for the week?

(1) 67°
(2) 70°
(3) 71°
(4) 76°
(5) 80°

20. Chris received the following scores on his math tests during the last semester. 82, 83, 78, 90, 91, 91, 89, and 82. What was his **median** score?

(1) 83.5
(2) 86
(3) 86.6
(4) 89
(5) 91

21. 9 guests ordered Shaklee products. The orders **totaled** $96.30. What is the **average** amount of the order?

| | | | | |
|---|---|---|---|---|
| | ⊘ | ⊘ | ⊘ | |
| ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| 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 |

22. If a 48 ounce box of detergent costs $1.44, what is the cost **per** ounce?

(1) $.03
(2) $.13
(3) $.30
(4) $1.20
(5) $2.50

23. Mrs. Ortiz bought 1 ¾ pounds of apples, 2 pounds of oranges, 5 ½ pounds of bananas and 2 ¼ pounds of candy at the Farmer's Market. How many pounds of **FRUIT** did she buy **all together**?

(1) 9
(2) 9 ¼
(3) 9 ½
(4) 9 ¾
(5) 11 ¾

24. Duran Construction pays $7.50 an hour for overtime pay. Tomas Garcia worked 40 regular hours and 9 ½ overtime hours. How much did Tomas earn in **overtime**?

(1) $67.50
(2) $69.75
(3) $70.55
(4) $71.25
(5) $371.75

25. Montoya Foods is selling green chile at $1.98 for 3 pounds. How much would **one** pound of green chile cost?

(1) $.61
(2) $.62
(3) $.63
(4) $.66
(5) $.68

26. There are a total of 240 boxes of corn flakes on a shelf. 144 boxes were damaged in a flood. What is the **ratio** of <u>damaged</u> boxes to <u>undamaged</u> boxes?

    (1)  1:6
    (2)  2:3
    (3)  3:2
    (4)  3:5
    (5)  5:3

27. The following was Denver's rainfall during March, April, May and June.

    | March | .01 inches |
    |-------|------------|
    | April | .5 inches |
    | May | 1.5 inches |
    | June | .10 inches |

    Arrange these measurements in order from the **least** amount to the **greatest** amount of rainfall.

    (1)  March, April, May, June
    (2)  April, May, March, June
    (3)  May, April, June, March
    (4)  May, June, April, March
    (5)  March, June, April, May

28. Mrs. Lucero bought 2 dozen mechanical pencils as gifts for her students. She paid $96 for the pencils. How much did **each** pencil cost?

    (1)  $2
    (2)  $3
    (3)  $4
    (4)  $8
    (5)  $12

29. The barometric reading in Seattle was 29.437 on Monday. On Tuesday it was 30.231. What was the **increase**?



30. Circuit City has a stock of 2,240 compact discs that cost $4.95 each. What is Circuit City's **total** compact disc inventory worth?

    (1)  11,088
    (2)  11,808
    (3)  11,880
    (4)  11,888
    (5)  23,450

31. Mr. Monnet worked 45 hours one week and 38 ½ hours the next week. **How many more** hours did he work during the first week?

    (1)  6 ¼ hours
    (2)  6 ½ hours
    (3)  7 hours
    (4)  7 ¼ hours
    (5)  7 ½  hours

32. Amada bought ¾ yards of material for $1.88 a yard. She also bought a pattern for $2.98. How much did she pay for the **material**?

    (1) $1.40

    (2) $1.41

    (3) $4.86

    (4) $14.20

    (5) $75.00

33. A recipe calls for 2 ¾ cups of flour. How much flour is **twice** as much flour?

    (1) 4 ½ cups

    (2) 4 ¾ cups

    (3) 5 ½ cups

    (4) 5 cups

    (5) 6 ½ cups

34. Which fraction below is the **greatest**?

    (1) $^1/_{10}$

    (2) ¼

    (3) $^1/_3$

    (4) $^3/_5$

    (5) ¾

35. Which word describes **mean**?

    (1) average

    (2) most frequent

    (3) middle

    (4) difference

    (5) total

36. Which word describes **median**?

    (1) average

    (2) most frequent

    (3) middle

    (4) difference

    (5) total

37. Daniel's test scores are 70, 85, 75, and 80. What is his **average**?

    (1) 75

    (2) 76

    (3) 77

    (4) 77.5

    (5) 310

38. Dolores's test scores are 75, 72, 88, 90, 85, 100, 77, 86, and 80. What is the **median**?

    (1) 85

    (2) 85.5

    (3) 89.5

    (4) 90

    (5) 90.5

39. Find the **median** shoe size.

    size 7

    size 6½

    size 8½

    size 9

    size 10

    size 7

    size 8

    (1) 7

    (2) 7.5

    (3) 8

    (4) 8.5

    (5) 9

40. Change 5 ½ to a decimal.

    (1)  5
    (2)  5.05
    (3)  5.15
    (4)  5.25
    (5)  5.5

41. Change 3 $^1/_3$ to a decimal.

    

42. Find the **mean** GED score.

    | writing | 42 |
    |---|---|
    | social studies | 47 |
    | science | 49 |
    | literature | 48 |
    | math | 44 |

    (1)  44
    (2)  45
    (3)  46
    (4)  47
    (5)  48

43. Arrange from **smallest** to **largest.**

    a)  **1 ½**
    b)  **.3**
    c)  $^3/_8$
    d)  **1 ¼**

    (1)  c, b, d, a
    (2)  c, a, b, d
    (3)  b, a, c, d
    (4)  b, c, a, d
    (5)  b, c, d, a

44. Juana had 17 pounds of oranges.  She gave away 3 ¼ pounds.    How many pounds **were left**?

    

45. Arsenia drove for 4 hours at an average speed of 55 mph and then for 3 hours at an average speed of 65 mph.  Which of the following expressions shows the **total** distance she drove?

    (1)  7 (55 + 65)
    (2)  55 (3 x 4)
    (3)  (3 x 55) + (4 x 65)
    (4)  (4 x 55) + (3 x 65)
    (5)  55 (3 + 4)

46. On Monday, Mia's children collected $3.40 for charity. Tuesday they collected $8.00, and on Wednesday and Thursday they collected $6.50 each day. Which expression represents the **average** amount collected on the 4 days?

(1) ($3.40 + $8.00 + $6.50 + $6.50)
      4

(2) ($3.40 + $8.00 + $6.50)
      4

(3) ($3.40 +$8.00 + $6.50)
      3

(4) $3.40 + $8.00 + $6.50 +$6.50

(5) ($3.40 + $8.00 + $6.50 + $6.50)

47. Find the **value** of this expression.

**30 ÷ 6 + (3 + 1)**

(1) 3
(2) 9
(3) 10
(4) 13
(5) 20

48. Arrange the following lengths of pipe in order from **smallest** to **largest**:

   **A.    1.8 yards**
   **B.    .75 yard**
   **C.    1.75 yards**
   **D.    .12 yard**
   **E.    1.12 yards**

(6) A, B, D, C, E
(7) A, D, B, C, E
(8) D, E, B, C, A
(9) D, B, E, C, A
(10) B, D, E, C, A

49. Pedro is a cabinetmaker. He charges $125 for a small bookcase and $190 for a large one. He sold 5 small bookcases and 3 large ones. Which expression represents the **gross (total)** amount Pedro got for the sale of the bookcases?

(1) (125 + 5) (190 + 3)
(2) 125 (3 + 5) + 190
(3) 3 (125) + 5 (190)
(4) 5 (125) + 3 (190)
(5) 125 (190) + 3 (5)

50. If 2 ½ yards of material cost 35.50, what is the cost of **one** yard of the material?

51. Saya bought 3 shirts for $16 each and 2 pairs of pants for $24 each. Which expression represents the **total** price she paid for his purchases?

(1) (2 + 16) x (3 + 24)
(2) (3 x 16) + (2 x 24)
(3) (2 x16) + (3 x 24)
(4) (22 + 24) + (2 + 3)
(5) (2 x 3) + (22 x 24)

52. Sylvia paid $200 down and $56 a month for 15 months for new furniture. What **total** amount did she pay for the furniture?

    (1) $256

    (2) $840

    (3) $872

    (4) $940

    (5) $1,040

53. Eliud worked 9 hours on Monday and 6 hours on Wednesday. He makes $12 an hour. Which expression shows Eliud's **total** salary for Monday and Wednesday?

    (1) 12 (9 + 6)

    (2) 9 (12 + 6)

    (3) 6 (12 + 9)

    (4) (12 x 9) + (6 x 9)

    (5) (12 x 6) + 9

54. Mylana bought 5 yards of 36 inch wide material for $7.80 a yard and 2.5 yards of 42 inch material for $8.40 a yard. How much did she pay **all together** for the material?



55. On Friday Pablo drove 524.7 miles; on Saturday, 208 miles; and on Sunday, 380.9 miles. To the nearest mile, find the **average** distance Pablo drove each day.

    (1) 279

    (2) 381

    (3) 371

    (4) 525

    (5) 557

56. The Santa Fe All Star softball team won 12 games and lost 8 last season. What was the **ratio** of number of games the team won to the total number of games they played?

    (1) 3:2

    (2) 2:5

    (3) 3:5

    (4) 5:3

    (5) 5:2

57. Catalina worked 40 hours at $5.40 per hour. She also worked overtime for 6 hours, and she made $38.40. How much can she make for **10 hours of overtime work**?

    (1) $60.00

    (2) $62.00

    (3) $64.00

    (4) $66.00

    (5) $68.00

58. Javier sells used cars at his garage. The four cars he has for sale now are priced at $2380, $4950, $8265, and $5790, respectively. Find the **median** price of the cars.

    (1)   $5320

    (2)   $5346

    (3)   $5370

    (4)   $5400

    (5)   $5790

59. The decimal .46 lies between which of the following pairs of numbers?

    (1)   $1/6$ and $1/5$

    (2)   $1/5$ and ¼

    (3)   ¼ and $1/3$

    (4)   $1/3$ and ½

    (5)   ½ and 1

60. The **product** of .49 x 97 is closest to which of the following expressions?

    (1)   ½ of 90

    (2)   ½ of 100

    (3)   ¼ of 90

    (4)   ¼ of 100

    (5)   4 times 100

61. Rock is sold according to weight. Four truckloads of different rock size were weighed as shown below.

| TYPE | WEIGHT |
|------|--------|
| Rock A | 1.6 tons |
| Rock B | 1.59 tons |
| Rock C | $1\,5/8$ tons |
| Rock D | $1\,9/10$ tons |

Which of the following sequences represents the gravel's weight from the **(heaviest)** to the **(lightest)**?

    (1)   C, A, B, D

    (2)   B, A, C, D

    (3)   D, C, B, A

    (4)   D, C, A, B

    (5)   D, A, C, B

62. While looking for the most favorable mortgage interest rate, Mario and his wife, Susana, found 5 lending firms that advertise the following rates.

| BANK | INTEREST RATE |
|------|---------------|
| **First Bank** | **10 ½ %** |
| **Second Bank** | **10.3 %** |
| **Third Bank** | **10 ⅜ %** |
| **Fourth Bank** | **10.4 %** |
| **Fifth Bank** | **10 ¼ %** |

Which of these banks has the **LOWEST** interest rate?

    (1)   First Bank

    (2)   Second Bank

    (3)   Third Bank

    (4)   Fourth Bank

    (5)   Fifth Bank