

Solving Word Problems – Trujillo Ranch

1. Trujillo's Ranch Corporation is divided into three shifts. Ninety six people work on day shift, 78 people work on swing shift, and 67 work on evening shift. How many people **in all** does the Trujillo Ranch Corporation employ?

	○	○	○	
○	○	○	○	○
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

2. Esther pays \$205 in rent each month. How much **total** rent does Esther pay for a whole year's time?

① ② ③ ④ ⑤

- (1) \$2,050
(2) \$2,400
(3) \$2,460
(4) \$2,465
(5) \$2,500

3. Mark and 3 friends agreed to evenly split the cost of renting a camper for the weekend. If the camper rent total was \$64.88, what was Mark's **share**?

① ② ③ ④ ⑤

- (1) \$16.21
(2) \$16.22
(3) \$16.24
(4) \$21.63
(5) \$32.45

4. Ariel, Mia, Bianca, and Mylana agreed to evenly share the cost of driving across the country. If each girl's share for gas came to \$64.00, what was the **total** gas bill?

① ② ③ ④ ⑤

- (1) \$16.00
(2) \$192.00
(3) \$256.00
(4) \$280.00
(5) \$299.05

5. As a supervisor, Margie earns \$8.67 an hour. Al is a mail clerk and makes \$5.49 an hour. What is the **difference** between what Margie earns each hour and what Al earns each hour?

	○	○	○	
○	○	○	○	○
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

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6. Celia and her two sisters agreed to split the cost of lunch. The bill for sandwiches, drinks, and desserts amounts to \$15.75. How much is Celia's **share**?

	○	○	○	
○	○	○	○	○
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

7. A case of Pennzoil is on sale for \$9.84. If there are 12 quarts of oil in each case, what is the sale price **per** quart?
- ① ② ③ ④ ⑤
- (1) \$.82
(2) \$8.02
(3) \$8.20
(4) \$82.00
(5) \$820.00
8. Alfred paid \$1.29 per gallon of gas. Find the **total** cost for 18 gallons of gas.
- ① ② ③ ④ ⑤
- (1) \$9.29
(2) \$19.29
(3) \$23.22
(4) \$24.22
(5) \$25.22

9. Mario gave the clerk \$20 for a blanket. He paid \$15.89 for the blanket. How much **change** did he get back?
- ① ② ③ ④ ⑤
- (1) \$4.10
(2) \$4.11
(3) \$4.13
(4) \$4.31
(5) \$4.67
10. During a Labor Day sale, the price of a used Toyota was reduced by \$595. If the original price was \$3,795, what was the **sale** price?
- ① ② ③ ④ ⑤
- (1) \$3,200
(2) \$4,390
(3) \$4,395
(4) \$5,395
(5) \$6,395
11. Cinnamon rolls are \$.24 each. Find the **total** cost for 2 dozen cinnamon rolls?
- ① ② ③ ④ ⑤
- (1) \$.28
(2) \$2.88
(3) \$5.76
(4) \$6.76
(5) \$10.35
12. In a game of Spades, 52 cards are dealt out equally to 4 players. How many cards are in **each** player's hand?
- ① ② ③ ④ ⑤
- (1) 13
(2) 48
(3) 208
(4) 212
(5) 456

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13. Edith paid \$2.82 for a gallon of milk. She gave the clerk a five dollar bill. How much **change** did Edith get back?

① ② ③ ④ ⑤

- (1) \$1.18
(2) \$2.18
(3) \$3.18
(4) \$3.81
(5) \$4.81

14. A Burlington Northern railroad flatcar is carrying 12 new Toyota sport model cars. Each car weighs 2,935 pounds. What is the **total** weight carried by the flatcar?

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
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

15. After working his regular shift last week, Rick worked 7 hours of overtime on Saturday. The overtime pay is \$9.25 per hour. Find Rick's **total** overtime pay for Saturday.

① ② ③ ④ ⑤

- (1) \$6.75
(2) \$64.00
(3) \$64.75
(4) \$64.57
(5) \$65.47

16. What is the value of 8 in 3,286,925?

① ② ③ ④ ⑤

- (1) ones
(2) tens
(3) hundred
(4) ten thousand
(5) hundred thousand

17. Round off 36,498 to the nearest **thousand**.

① ② ③ ④ ⑤

- (1) 36,000
(2) 36,500
(3) 37,000
(4) 37,500
(5) 38,500

18. Find the **difference** between 100,000 and 79,028.

① ② ③ ④ ⑤

- (1) 20,972
(2) 20,978
(3) 20,982
(4) 21,072
(5) 21,972

19. What is the **quotient** of 6,516 divided by 12?

① ② ③ ④ ⑤

- (1) 45
(2) 54
(3) 504
(4) 534
(5) 543

20. Out of a total of 420 Wal Mart employees, 63 walk to work. How many employees **DO NOT WALK** to work?

① ② ③ ④ ⑤

- (1) 170
(2) 233
(3) 357
(4) 359
(5) 402

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21. Francisco bought a suit that had been reduced by \$57 to a sale price of \$83. What was the **original** price of the suit?

① ② ③ ④ ⑤

- (1) \$26
(2) \$57
(3) \$83
(4) \$140
(5) \$144

22. A year's profit of \$85,480 was split evenly among 20 employees of Black Hills Energy Electric. How much did **each** employee receive?

① ② ③ ④ ⑤

- (1) \$427
(2) \$4,274
(3) \$4,724
(4) \$42,704
(5) \$42,744

23. Alma paid \$56 a month for 15 months for new bedroom furniture. What **total** amount did she pay for the furniture?

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
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

24. It costs about \$23 a day to rent a car from La Junta Rental. What is the **total** cost to rent a car for 31 days?

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
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

25. Last year the city of Pueblo spent \$16,593,650 for police and fire protection. The town spent \$1,108,212 for welfare and health. **How much more** did city of Pueblo spend for police and fire protection than for welfare and health?

① ② ③ ④ ⑤

- (1) \$15,485,438
(2) \$15,495,448
(3) \$15,497,442
(4) \$16,485,448
(5) \$16,511,530

26. John, Tom, Bill, and Fred started a business. At the end of one year, they had a profit of \$27,936. They decided to share the profit equally. How much did **each** person get?

① ② ③ ④ ⑤

- (1) 9,312
(2) 7,982
(3) 6,984
(4) 5,587
(5) 4,656

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27. Julian Gallegos died in 1978 after his 94th birthday. In what year was he born?

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
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

28. Jackson made a gross salary of \$12,500 last year. His employer deducted \$2,518 from her salary. What was Jackson's **net** income last year?

① ② ③ ④ ⑤

- (1) \$9,981
(2) \$9,982
(3) \$9,992
(4) \$10,981
(5) \$10,982

29. Sylvia bought 12 towels at a sale. She wanted to divide them equally among herself and her 3 sisters. How many towels did **each** of the sisters get?

① ② ③ ④ ⑤

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

30. Anole paid \$63 for three pairs of jeans. What was the price of **one** pair of jeans?

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
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

31. The yearly profit for Cornelius Trucking was \$170,640. The nine partners shared the profit equally. How much did **each** partner receive?

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
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

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|---|---|
| <p>32. Maria Lucero paid \$11.56 for 4 pounds of ground beef. What was the price per pound?</p> <p>① ② ③ ④ ⑤</p> <p>(1) \$1.49
(2) \$1.99
(3) \$2.29
(4) \$2.89
(5) \$3.69</p> | <p>36. Every week Michael makes \$584.00, and he works 40 hours. How much does he make each hour?</p> <p>① ② ③ ④ ⑤</p> <p>(1) \$8.60
(2) \$10.80
(3) \$14.40
(4) \$14.60
(5) \$14.80</p> |
| <p>33. Cheerios cost \$3.19. Find the total cost of five boxes of the Cheerios.</p> <p>① ② ③ ④ ⑤</p> <p>(1) \$14.49
(2) \$14.99
(3) \$15.29
(4) \$15.95
(5) \$16.96</p> | <p>37. 112 people paid \$9.50 each for tickets to a concert for Etta James. What was the total amount of the ticket sales?</p> <p>① ② ③ ④ ⑤</p> <p>(1) \$910
(2) \$1064
(3) \$1284
(4) \$1460
(5) \$1620</p> |
| <p>34. On Friday 437 people attended the play at OJC. On Saturday 739 people attended, and on Sunday 496 people attended. Find the total attendance.</p> <p>① ② ③ ④ ⑤</p> <p>(1) 1482 people
(2) 1512 people
(3) 1672 people
(4) 1852 people
(5) 2092 people</p> | <p>38. Frank and Carrie drove for 5 hours at a speed of 62 miles per hour. How many total miles did they drive?</p> <p>① ② ③ ④ ⑤</p> <p>(1) 300
(2) 310
(3) 320
(4) 330
(5) 340</p> |
| <p>35. On Friday, Saturday, and Sunday 525 people attended the play at OJC each night. Find the total attendance.</p> <p>① ② ③ ④ ⑤</p> <p>(1) 152 people
(2) 157 people
(3) 1575 people
(4) 1675 people
(5) 2092 people</p> | <p>39. Eileen drove for 3 hours. The first hour she drove 65 miles, the second hour she drove 70 miles, and the third hour she drove 75 miles. How many total miles did she drive?</p> <p>① ② ③ ④ ⑤</p> <p>(1) 200
(2) 210
(3) 220
(4) 240
(5) 250</p> |