

Estimate the quotient. Write a number sentence to show how you estimated.

1. $482 \div 8$ _____

2. $821 \div 17$ _____

3. $293 \div 14$ _____

4. $626 \div 7$ _____

5. $2,762 \div 72$ _____

6. $1,465 \div 29$ _____



Solve. Write the answers with remainders.

7. $22 \overline{)8,136}$

8. $10 \overline{)4,478}$

9. $26 \overline{)1,962}$

10. $32 \overline{)714}$

11. $11 \overline{)852}$

12. $5 \overline{)90}$

13. Cole has \$6.25 to buy school supplies. He wants one pack of pens for \$1.15, a folder for \$2.67, and a pack of paper for 99¢. How much money will he have left over? Write a number model for this problem.

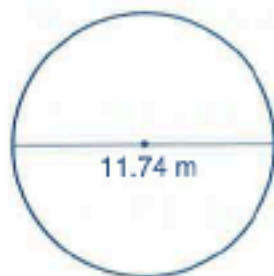
14. Rosita bought four new books for a total of \$32.65. What was the average cost per book?

Use the circle to answer Problems 15–17.

15. Find the radius of the circle. _____

16. Find the circumference. _____

17. Find the area. _____





Use the following list of numbers to answer the questions:

14, 18, 19, 13, 20, 13.5, 7.25, 19, 11.25

18. What is the range? _____ 19. What is the mode? _____
 20. What is the median? _____ 21. What is the mean? _____

22. Complete the table.

Product	Exponential Notation	Standard Notation
$11 * 11 * 11 * 11$		
	12^{\square}	1,728
	$\frac{\quad}{\quad}^{14}$	16,384
	10^{15}	
$18 * 18 * 18 * 18 * 18$		

23. Write the greatest number you can with the following digits:

2, 8, 6, 7, 2, 0, 2, 8, 3, 8, 3, 5, 1, 6, 0

Add parentheses to the number sentences to make them correct.

24. $250 = 10 * 57 - 32$

25. $6 * 12 + 8 - 3 = 102$

26. $521 = 11 * 19 + 312$

27. $12 * 30 - 5 = 300$

28. $4.8 + 2.2 - 5 = 2$

29. $7.25 + 1.25 * 2 + 4.25 = 14$

30. $56 / 2.3 + 5.7 * 12 = 84$

31. $63 = 3.93 + 5.07 * 8.2 - 1.2$