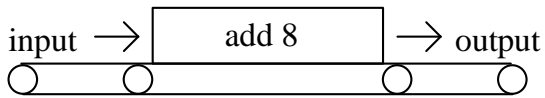
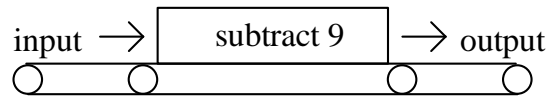


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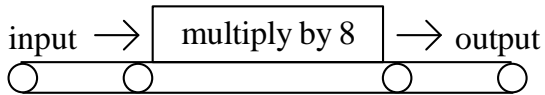
Complete the table for each input-output chart shown.



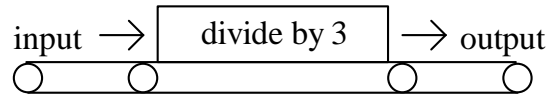
	input	output
1.	6	
2.	12	
3.	25	
4.	48	
5.	k	



	input	output
6.	2	
7.	15	
8.	37	
9.	71	
10.	p	



	input	output
11.	4	
12.	7	
13.	12	
14.	49	
15.	x	



	input	output
16.	12	
17.	27	
18.	45	
19.	87	
20.	n	

Find the value of each of the following expressions.

- | | | |
|-------------------------------------|---------------------------------|-------------------------------------|
| 21. $3 \cdot 2 + 8 =$ _____ | 22. $5 + 3 \cdot 5 =$ _____ | 23. $9 - 6 + 8 =$ _____ |
| 24. $3 \cdot (2 + 8) =$ _____ | 25. $(5 + 3) \cdot 5 =$ _____ | 26. $9 - (6 + 8) =$ _____ |
| 27. $10 - 6 \div 2 =$ _____ | 28. $16 - 9 - 5 =$ _____ | 29. $(3 + 5) \cdot (8 - 2) =$ _____ |
| 30. $(10 - 6) \div 2 =$ _____ | 31. $16 - (9 - 5) =$ _____ | 32. $(3 + 5) \cdot 8 - 2 =$ _____ |
| 33. $3 \cdot 4 + 2 \cdot 5 =$ _____ | 34. $3 + 5 \cdot 8 - 2 =$ _____ | 35. $3 + 5 \cdot (8 - 2) =$ _____ |

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Find the value of each expression, if $x = 9$.

36. $x + 17 = \underline{\hspace{2cm}}$

37. $x - 13 = \underline{\hspace{2cm}}$

38. $8x = \underline{\hspace{2cm}}$

39. $x \div 3 = \underline{\hspace{2cm}}$

40. $3x + 2 = \underline{\hspace{2cm}}$

41. $3(x + 2) = \underline{\hspace{2cm}}$

42. $12 + x \div 3 = \underline{\hspace{2cm}}$

43. $4x - 7 = \underline{\hspace{2cm}}$

44. $4(x - 7) = \underline{\hspace{2cm}}$

45. $(12 + x) \div 3 = \underline{\hspace{2cm}}$

46. $x - 4 + 3 = \underline{\hspace{2cm}}$

47. $x - (4 + 3) = \underline{\hspace{2cm}}$

Find the value of each expression, if $n = 36$.

48. $n + 15 = \underline{\hspace{2cm}}$

49. $n - 23 = \underline{\hspace{2cm}}$

50. $6n = \underline{\hspace{2cm}}$

51. $n \div 9 = \underline{\hspace{2cm}}$

52. $3(n - 6) = \underline{\hspace{2cm}}$

53. $3n - 6 = \underline{\hspace{2cm}}$

Simplify each algebraic expression.

54. $8x + 5x = \underline{\hspace{2cm}}$

55. $9y + 3y = \underline{\hspace{2cm}}$

56. $11k + 3k = \underline{\hspace{2cm}}$

57. $9n + n = \underline{\hspace{2cm}}$

58. $7x - 3x = \underline{\hspace{2cm}}$

59. $6x - x = \underline{\hspace{2cm}}$

60. $13m - 8m = \underline{\hspace{2cm}}$

61. $5y - 8y = \underline{\hspace{2cm}}$

62. $5xy + 3xy = \underline{\hspace{2cm}}$

63. $10ac - 3ac = \underline{\hspace{2cm}}$

64. $9pk + pk = \underline{\hspace{2cm}}$

65. $12cd - cd = \underline{\hspace{2cm}}$