



**Additional Math Practice Questions
For
Canadian Adult Achievement Test
(CAAT) Level C**

UPDATED APRIL 2017

1. Write the number 45 605 in words.
2. Write the number 5 803 700 in words.
3. Write the number thirty thousand nine hundred forty seven using numbers.
4. Write the number six hundred twenty five thousand five hundred seventy two using numbers.
5. Expand 7^3 .
6. Expand $(-5)^4$.
7. Evaluate: $(2 + 4) \times 3 + 1$
8. Evaluate: $(5 \div 1) + 3$

9. Evaluate: $8 + (0 \times 3) + 1$

10. Evaluate: $(0 - 9) \times 5$

11. Expand: 4.5×10^6

12. Expand: 1.83×10^7

13. Expand: 7.45×10^{-4}

14. Express $\frac{3}{4}$ as a percent.

15. Express $\frac{2}{5}$ as a percent.

16. Expand using the distributive property: $3(x - 4)$

17. Expand using the distributive property: $x(a + b)$

18. Expand using the distributive property: $a(5 - x)$

19. Evaluate:

$$\begin{array}{r} 45 \\ 234 \\ 52 \\ + 432 \\ \hline \end{array}$$

20. Evaluate:

$$\begin{array}{r} 34 \\ 345 \\ 607 \\ + 38 \\ \hline \end{array}$$

21. Evaluate:

$$\begin{array}{r} 56753 \\ - 7837 \\ \hline \end{array}$$

22. Evaluate:
$$\begin{array}{r} 45678 \\ - 17392 \\ \hline \end{array}$$

23. Evaluate:
$$\begin{array}{r} 65734 \\ + 34092 \\ \hline \end{array}$$

24. Evaluate:
$$\begin{array}{r} 457 \\ \times 38 \\ \hline \end{array}$$

25. Evaluate:
$$\begin{array}{r} 623 \\ \times 374 \\ \hline \end{array}$$

26. Evaluate: $21056 \div 4$

27. Evaluate: $3652 \div 8$

28. Evaluate: $37488 \div 24$

29. Evaluate: $4700 \div 62.5$

30. Evaluate: $\frac{2}{5} + \frac{3}{4} + \frac{1}{2}$

31. Evaluate: $8\frac{2}{3} + 6\frac{3}{4} + 9\frac{1}{2}$

32. Evaluate: $6\frac{2}{3} - 1\frac{4}{5} + 4\frac{1}{6}$

33. Evaluate: $\frac{5}{9} - \frac{1}{2}$

34. Evaluate: $\frac{2}{5} \times \frac{3}{8}$

35. Evaluate: $3\frac{2}{7} \times 8\frac{3}{4}$

36. Evaluate: $6\frac{2}{3} \times 1\frac{4}{5}$

37. Evaluate: $\frac{2}{5} \div \frac{3}{4}$

38. Evaluate: $6 \div \frac{3}{4}$

39. Evaluate: $\frac{8}{9} \div \frac{4}{3}$

40. Evaluate: $\frac{2}{9} \div 3$

41. Evaluate: $4\frac{2}{9} \div 2\frac{2}{3}$

42. Evaluate: $7 \div 2\frac{1}{3}$

43. Evaluate: $7.546 + 4.05 + 12.35$

44. Evaluate: $23.056 - 5.62$

45. Evaluate: $15.02 - 8.483$

46. Evaluate: 7.3×0.37

47. Evaluate: 67×4.9

48. Evaluate: $42.64 \div 5$

49. Evaluate: $6.375 \div 0.03$

50. Evaluate: $63 \div 0.045$

51. If $\frac{16}{24} = \frac{x}{9}$, then what does x equal?

56. Evaluate: $(-9) \times (-4) =$

57. Evaluate: $7 \times (-4) =$

58. Evaluate: $7 - 12 =$

59. Evaluate: $-4 - 5 =$

60. Simplify: $\sqrt{25}$

61. Simplify: $\sqrt{64}$

62. Simplify: $x^5 \times x^7$

63. Simplify: $3^4 \times 3^5$

64. Simplify: $a^8 \times a^{-5}$

65. Evaluate $y = 4(a - b) + c$ for $a = 7, b = 5$, and $c = 9$.

66. Evaluate $P = 2L + 2W$ for $L = 15$ and $W = 3$.

67. Evaluate $A = \frac{1}{2}(B + b)h$ for $B = 10, b = 8, \text{ and } h = 4$.

68. Solve for x : $15 - 3x = 3x + 3$

69. Solve for y : $8y - 10 = 2y + 14$

70. Solve for y : $\frac{2}{y} = \frac{x}{5}$

71. Evaluate: $2 \times 6 + 5 \times 3 - 7 \times 2$

72. Evaluate: $6 + \frac{20-5}{3} \times 2$

73. If I spent \$23.45, \$35.06, and \$5.51, how much did I spend in total?

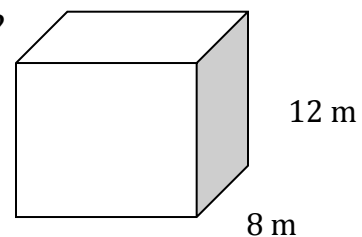
74. Sam earns \$12.50 per hour and worked for 24 hours while Joe earned \$15 per hour and worked for 22 hours. Who earned more money and how much more did he earn?

75. If I bought 3 pencils at \$0.79 each and 2 pens at \$1.25 each, what was the total cost if the sales tax is 13%?

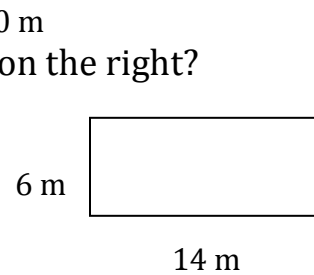
76. How much tax would you pay if you earn \$25 000 and tax is 24% of your income?
77. Joe earns \$15 per hour for up to 8 hours per day and after that, he gets paid time and a half for overtime. If he works 10 hours on Tuesday, how much did he earn?
78. At a certain store, you can rent movies for \$3.50 each, or you can buy a membership and get as many movies as you want for \$25 per month. If you normally rent 9 movies per month, how much will you save by purchasing a membership?

79. A store sells plants for \$7.50 but is having a 20% off sale. If you buy 6 plants, how much will you save?
80. A jar contains 5 red, 3 green, and 2 blue balls. If one ball is randomly selected, what is the probability it is green?
81. In a recent survey, it was found that 45 people owned Toyota, 54 owned Hondas, and 21 owned Fords. What percentage of the people surveyed owned Hondas?

82. What is the volume of the figure on the right?

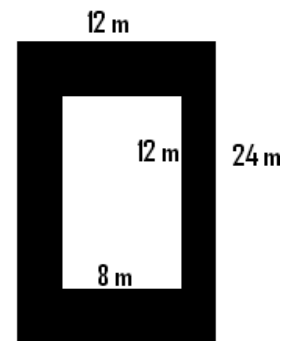


83. What are the perimeter and area of the rectangle on the right?

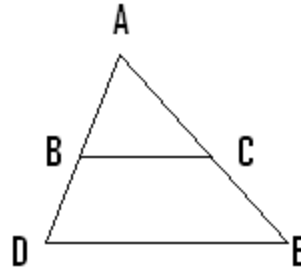


84. Flooring costs \$3.50 per square foot and your room measures 15 feet by 20 feet. If the sales tax is 13%, how much will your new floor cost?

85. What is the area of the shaded region?



86. Given BC is parallel to DE , $AB = 3$, $AC = 5$, and $AE = 10$, find the length of AD .



87. A recipe requires $2\frac{3}{4}$ cups of flour to make one dozen cookies, how many cups of flour do you need to make $3\frac{1}{2}$ dozen cookies?

88. If a bus leaves at 10:15 am and arrives at its destination at 2:30 pm, how long was the bus ride?

Answers

1. Forty five thousand six hundred five.
2. Five million eight hundred three thousand seven hundred.
3. 30 947
4. 625 572
5. $7 \times 7 \times 7$
6. $(-5) \times (-5) \times (-5) \times (-5)$
7. 19
8. 8
9. 9
10. -45
11. 4 500 000
12. 18 300 000
13. 0.000745
14. 75%
15. 40%
16. $3x - 12$
17. $ax + bx$
18. $5a - ax$
19. 763

- 20. 1024
- 21. 48916
- 22. 28286
- 23. 99826
- 24. 17366
- 25. 233002
- 26. 5264
- 27. 456.5
- 28. 1562
- 29. 75.2
- 30. $\frac{33}{20}=1\frac{13}{20}$
- 31. $24\frac{11}{12}$
- 32. $9\frac{1}{30}$
- 33. $\frac{1}{18}$
- 34. $\frac{3}{20}$
- 35. $28\frac{3}{4}$
- 36. 12
- 37. $\frac{8}{15}$

- 38. 8
- 39. $\frac{2}{3}$
- 40. $\frac{2}{27}$
- 41. $1\frac{7}{12}$
- 42. 3
- 43. 23.946
- 44. 17.436
- 45. 6.537
- 46. 2.701
- 47. 328.3
- 48. 8.528
- 49. 212.5
- 50. 1400
- 51. 6
- 52. 77
- 53. 12
- 54. 3.6
- 55. 7.8
- 56. 36
- 57. -28

- 58. -5
- 59. -9
- 60. 5
- 61. 8
- 62. x^{12}
- 63. 3^9
- 64. a^3
- 65. $y = 17$
- 66. 36
- 67. 36
- 68. 2
- 69. 4
- 70. $y = \frac{10}{x}$
- 71. 13
- 72. 16
- 73. \$64.02
- 74. Joe earned \$30 more than Sam
- 75. \$5.50
- 76. \$6000
- 77. \$165

- 78. \$6.50
- 79. \$9
- 80. $\frac{3}{10}$
- 81. 45%
- 82. 960 m^3
- 83. Perimeter = 40 m and Area = 84 m^2
- 84. \$1186.50
- 85. 192 m^2
- 86. 6
- 87. $9\frac{5}{8}$
- 88. 4 hours, 15 minutes