

Foundational Math
Practice w/o Fractions

1 Addition & Subtraction with Decimals

- 1) $2.8 + 1.23$
- 2) $4.34 + 1.92$
- 3) $3.19 - 2.1$
- 4) $2.38 + 23.3 - 1.2$
- 5) $9.56 - 2.391 + 2.6392$
- 6) $8.9 - 9.21 + 6.78$
- 7) $3.34 + 293.1 - 129.31$
- 8) $23.1 + 8.4 - 12.9$
- 9) $56 + 33.1 - 23.0$
- 10) $1292.3 - 23.81 + 13.825$

2 Converting Units of Mass

- 11) Convert 5 kg to mg
- 12) Convert 20 lbs to kg
- 13) Convert 181 mg to g
- 14) Convert 82 kg to g
- 15) Convert 271 kg to lbs
- 16) Convert 102 μg to kg
- 17) Convert 91 g to kg



- 18) Convert 2921 mg to lbs
- 19) Convert 82.18 kg to g
- 20) Convert 191.261 g to μg

3 Converting Units of Volume

- 21) Convert 10 mL to L
- 22) Convert 98 cc to mL
- 23) Convert 172 L to mL
- 24) Convert 912 cc to L
- 25) Convert 10371 mL to L
- 26) Convert 132 mL to L
- 27) Convert 2104 L to cc
- 28) Convert 3201 mL to L
- 29) Convert 391.12 mL to L
- 30) Convert 9218.218 cc to L

4 Decimal Division

- 31) $100 \div 66$
- 32) $92.3 \div 4$
- 33) $64 \div 3.6$
- 34) $94.56 \div 1384.7$
- 35) $22 \div 7$



36) $15.64 \div 3.1245$

37) $45.129 \div 23.81$

38) $1648.9 \div 8.4573$

39) $10.123 \div 3418.2$

40) $872.17 \div 28.519$

5 Decimal Multiplication

41) 3.2×7.1

42) 2.23×9.4

43) 9.831×12.37

44) 4.341×91.382

45) 3.2812×23.8

46) 24.192×2.01

47) 98.12×93.313

48) 982.27×87.237

49) 4.1237×283.92

50) $23.287 \times 1378.2 \times 347.37$

6 Multiplication and Division of Decimals

51) $2 \div 3 \times 6$

52) $\frac{3 \times 9}{2 \times 5}$

53) $\frac{4 \div 8}{9 \div 3}$



Content in this document was created by Math & Writing Centre tutors with the support of Student Learning Services and the Faculty of Liberal Arts & Sciences at Humber College.



<https://humber.ca/learningresources/>

54) $\frac{8 \div 3}{10 \times 7}$

55) $8 \times 9 \div 21$

56) $6 \div 11 \times 8.1$

57) $\frac{27.1 \times 8}{9 \times 2.81}$

58) $2.918 \div 9.8 \times 13.181$

59) $\frac{98.3 \div 17.12}{812.38}$

60) $\frac{29.12 \times 8.74 \times 2.1}{3.412}$



Content in this document was created by Math & Writing Centre tutors with the support of Student Learning Services and the Faculty of Liberal Arts & Sciences at Humber College.



<https://humber.ca/learningresources/>

Answers/Solutions

- | | |
|-----------------------|----------------|
| 1) 4.03 | 22) 98 mL |
| 2) 6.26 | 23) 172000 mL |
| 3) 1.09 | 24) 0.912 kL |
| 4) 24.48 | 25) 10.371 L |
| 5) 9.8082 | 26) 0.132 L |
| 6) 6.47 | 27) 2104000 cc |
| 7) 167.13 | 28) 3.201 L |
| 8) 18.6 | 29) 0.39112 L |
| 9) 66.1 | 30) 9.218218 L |
| 10) 1282.315 | 31) 1.5152 |
| 11) 5000 mg | 32) 23.0750 |
| 12) 9.072 kg | 33) 17.7778 |
| 13) 0.181 g | 34) 0.0683 |
| 14) 82000 g | 35) 3.1429 |
| 15) 122.9 lbs | 36) 5.0056 |
| 16) 0.000000102 kg | 37) 1.8954 |
| 17) 0.091 kg | 38) 194.9677 |
| 18) 0.00644 lbs | 39) 0.0030 |
| 19) 82180 g | 40) 30.5821 |
| 20) 191261000 μ g | 41) 22.7200 |
| 21) 0.01 L | 42) 20.9620 |



Content in this document was created by Math & Writing Centre tutors with the support of Student Learning Services and the Faculty of Liberal Arts & Sciences at Humber College.



<https://humber.ca/learningresources/>

- | | |
|-------------------|--------------|
| 43) 121.6095 | 52) 2.7000 |
| 44) 396.6893 | 53) 0.1667 |
| 45) 78.0926 | 54) 0.0381 |
| 46) 48.6259 | 55) 3.2486 |
| 47) 9155.8716 | 56) 4.4182 |
| 48) 85690.2880 | 57) 8.5726 |
| 49) 1170.8009 | 58) 3.9247 |
| 50) 11148542.5929 | 59) 0.0071 |
| 51) 4.0000 | 60) 156.6438 |



Content in this document was created by Math & Writing Centre tutors with the support of Student Learning Services and the Faculty of Liberal Arts & Sciences at Humber College.



<https://humber.ca/learningresources/>