

LESSON 10

DIVISION

OBJECTIVES:

- ☐ Learn the division key
- ☐ Understand averages
- ☐ Solve division problems

1. Locate the division key.
2. Place your fingers on the home-row keys, and look at the calculator to see where the division key is in relationship to the home row.
3. Use your index finger to strike the division key. Strike the key sharply.
4. Return your index finger to the 4 key.
5. Practice moving from the 4 key to the division key.
6. Now, without looking at the keys, practice moving between the 4 and division keys.

Exercise 1: Divide the numbers below. (Set Decimal Selector at 2.)

- | | | | |
|-------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------|
| 1. $\begin{array}{r} 15 \\ \div 3 \end{array}$ | 2. $\begin{array}{r} 194 \\ \div 28 \end{array}$ | 3. $\begin{array}{r} 21.5 \\ \div 2.3 \end{array}$ | 4. $\begin{array}{r} 67.45 \\ \div 5.01 \end{array}$ |
| 5. $\begin{array}{r} 4.05 \\ \div 1.25 \end{array}$ | 6. $\begin{array}{r} 126 \\ \div 62 \end{array}$ | 7. $\begin{array}{r} 425 \\ \div 3.4 \end{array}$ | 8. $\begin{array}{r} 1,054 \\ \div 321 \end{array}$ |
| 9. $\begin{array}{r} 78.3 \\ \div 1.34 \end{array}$ | 10. $\begin{array}{r} 16.01 \\ \div 834 \end{array}$ | 11. $\begin{array}{r} 207 \\ \div .120 \end{array}$ | 12. $\begin{array}{r} 598.1 \\ \div 3.2 \end{array}$ |
| 13. $\begin{array}{r} 245.6 \\ \div 1.01 \end{array}$ | 14. $\begin{array}{r} 704 \\ \div 1.3 \end{array}$ | 15. $\begin{array}{r} 214 \\ \div 8.2 \end{array}$ | 16. $\begin{array}{r} 645.1 \\ \div 83.2 \end{array}$ |

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____

Exercise 2: An average is found by calculating the total and dividing by the number of items added. Some calculators include an Item Count Selector that will automatically calculate the number of items and display that number with the total. (See your user's manual.)

Calculate the averages of the following numbers. (Set Decimal Selector at 2.)

- | | | | |
|-----------------------------------------------|------------------------------------------------------|--------------------------------------------------|-----------------------------------------|
| 1. 128
4532
1454
9833
3758
579 | 2. 487
1059
36
2856
3705
2154
3584 | 3. 3480
58
5000 | 4. 2348
2068
7983
2325
5006 |
| 5. 3.25
1.254
1.02
9652
1.20 | 6. 42.2
49801
.021
536 | 7. 1.369
25.07
3256
1.11
875
9651 | 8. .025
459.2
568 |

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Lesson Review 10: Repeat the exercises below (with the Decimal Selector set on 2) until you are comfortable with the division and equal keys. Then compare your answers to the key in the appendix.

When you are comfortable using the division and equal keys, continue working with Lesson 11.

- | | | |
|---------------------------|----------------------------|---------------------------|
| 1. $8 \div 5 =$ _____ | 2. $4 \div 9 =$ _____ | 3. $7 \div 3 =$ _____ |
| 4. $165 \div 2.4 =$ _____ | 5. $67.04 \div 3 =$ _____ | 6. $45 \div 8.06 =$ _____ |
| 7. $73 \div 20.8 =$ _____ | 8. $64.3 \div .08 =$ _____ | 9. $19 \div 1.07 =$ _____ |

- | | | | |
|----------------------------|----------------------------|-----------------------------|-------------------------------|
| 10. $\frac{18}{\div 7}$ | 11. $\frac{4374}{\div 81}$ | 12. $\frac{57.2}{\div 9.3}$ | 13. $\frac{87.15}{\div 5.91}$ |
| 14. $\frac{767}{\div 3.2}$ | 15. $\frac{.890}{\div 77}$ | 16. $\frac{9.47}{\div 185}$ | 17. $\frac{8.3}{\div 22}$ |

10. _____
11. _____
12. _____
13. _____

14. _____
15. _____
16. _____
17. _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

Find the average:

- | | | | | | | | |
|-----|-------|-----|-------|-----|------|-----|------|
| 18. | 12.58 | 19. | 7 | 20. | 8034 | 21. | 782 |
| | 1.82 | | 10.59 | | 8.5 | | 1443 |
| | 549 | | 6.3 | | 9900 | | 8502 |
| | 3.33 | | 4.56 | | | | |
| | 40.5 | | 37.5 | | | | |
| | 9 | | 2154 | | | | |
| | | | 8435 | | | | |

18.	_____
19.	_____
20.	_____
21.	_____

This curriculum is offered under a
Creative Commons CC-BY-NC-SA License



By Velda Arnaud
Springfield, Oregon

For more information on the license, visit
<http://creativecommons.org/about/licenses>