Home School Partners
Math Tips, Tricks & Mental Calculations – Week 1

(Note: The number in parentheses by each practice problem indicates the trick number used to solve it.)

Day 1	Day 2	Day 3	Day 4
1. 90 • 90 (1)	1. 300 • 90 (1)	1. 8,400 ÷ 120 (1)	1. 90 • 60 (1)
2. 360 ÷ 9 (1)	2. 810 ÷ 9 (1)	2. 700 • 90 (1)	2. 8,800 ÷ 80 (1)
3. 800 • 60 (1)	3. 70 • 800 (1)	3. 320 ÷ 8 (1)	3. 70 • 70 (1)
4. 1,440 ÷ 12 (1)	4. 13,200 ÷ 12 (1)	4. 1,100 • 50 (1)	4. 4,200 ÷ 60 (1)
5. 50 • 120 (1)	5. 80 • 80 (1)	5. 4,800 ÷ 40 (1)	5. 110 • 120 (1)
6. 1.1 • 1.1 (2)	6. 0.4 • 9 (2)	6. 70 • 0.6 (2)	6. 0.9 • 5,000 (2)
7. 44 ÷ 1.1 (2)	7. 8.4 ÷ 12 (2)	7. 60 ÷ 1.2 (2)	7. 0.4 • 700 (2)
8. 0.8 • 12 (2)	8. 700 • 0.7 (2)	8. 80 • 0.7 (2)	8. 7.2 ÷ 12 (2)
9. 6.3 ÷ 7 (2)	9. 6.4 ÷ 8 (2)	9. 9.6 ÷ 12 (2)	9. 7,000 • 0.3 (2)
10. In one day, Carolina Ernie Dodge loaded 16 tons of coal from the mine. If a ton is 2,000 lbs., how many lbs. of coal did Carolina Ernie load? (1)	10. Ed had $36,000 extra to spread among 90 of his employees. If he spread the extra money equally, how much did each employee receive? (1)	10. Each of Reverence Grace's 9 children ate 0.8 ounces of peanut butter at supper one day. How many total ounces did they eat? (2)	10. An egg farmer plants 70 rows, using 7,700 seeds. If he plants an equal number of seeds in each row, how many seeds will each row get? (1)

Math Tips, Tricks & Mental Calculations – Week 1 Key

Day 1	Day 2	Day 3	Day 4
1. 8,100	1. 27,000	1. 70	1. 5,400
2. 40	2. 90	2. 63,000	2. 110
3. 48,000	3. 56,00	3. 40	3. 4,900
4. 120	4. 1,100	4. 55,000	4. 70
5. 6,000	5. 6,400	5. 120	5. 13,200
6. 1.21	6. 3.6	6. 42	6. 4,500
7. 40	7. 0.7	7. 50	7. 280
8. 9.6	8. 490	8. 56	8. 0.6
9. 0.9	9. 0.8	9. 0.8	9. 2,100
10. 32,000 lbs.	10. $400	10. 7.2 oz.	10. 110 seeds