

## Home School Partners

### Math Tips, Tricks & Mental Calculations – Week 5

Day 1	Day 2	Day 3	Day 4
1. $400 \cdot 300,000$ (1) _____	1. $360,000 \div 600$ (1) _____	1. $43 \cdot 5$ (5) _____	1. $52 \cdot 8$ (5) _____
2. $9,000 \cdot 0.6$ (2) _____	2. $10.800 \div 9$ (2) _____	2. $430 \cdot 50$ (5) _____	2. $5.2 \cdot 800$ (5) _____
3. $110,000 \cdot 0.03$ (3) _____	3. $70,000 \cdot 0.07$ (3) _____	3. $200,000 \cdot 0.0006$ (3) _____	3. $300,000 \cdot 0.004$ (3) _____
4. Convert $\frac{3}{20}$ to a decimal and a %. (4) _____	4. Convert .72 to a % and a fraction. (4) _____	4. Convert $\frac{39}{40}$ to a decimal and a %. (4) _____	4. Convert 82% to a decimal and a fraction. (4) _____
5. $36 \cdot 4$ (5) _____	5. $41 \cdot 7$ (5) _____	5. $62 \cdot 8$ (5) _____	5. $84 \cdot 3$ (5) _____
6. $3,600 \cdot 4$ (6) _____	6. $410 \cdot 7$ (6) _____	6. $6.2 \cdot 8$ (6) _____	6. $840 \cdot 3$ (6) _____
7. $3.6 \cdot 0.4$ (6) _____	7. $4.1 \cdot 0.7$ (6) _____	7. $620 \cdot 8$ (6) _____	7. $8.4 \cdot 0.3$ (6) _____
8. 40% of 6,000 (7) _____	8. 80% of 12,000 (7) _____	8. 60% of 50,000 (7) _____	8. 30% of 120,000 (7) _____
9. 72% of 3,000 (8) _____	9. 41% of 7,000 (8) _____	9. 62% of 8,000 (8) _____	9. 84% of 3,000 (8) _____
10. Ty tagged 72% of the 300 birds before they pecked him to death. How many birds did he tag? (8) _____	10. Bill made \$23 every day for a week. How much money did he make that week? (5) _____	10. Sara sold 62% of her 800 eggs. How many eggs did she sell? (8) _____	10. Ian used 8.4 gallons of sugar per day for 30 days. How many gallons did he use over the 30 days? (6) _____

Math Tips, Tricks & Mental Calculations – Week 5 Key

Day 1	Day 2	Day 3	Day 4
1. 120,000,000	1. 600	1. 215	1. 416
2. 5,400	2. 1.2	2. 21,500	2. 4,160
3. 3,300	3. 4,900	3. 120	3. 1,200
4. .15, 15%	4. 72%, 18/25	4. .975, 97.5%	4. .82, 41/50
5. 144	5. 287	5. 496	5. 252
6. 14,400	6. 2,870	6. 49.6	6. 2,520
7. 1.44	7. 2.87	7. 4,960	7. 2.52
8. 2,400	8. 9,600	8. 30,000	8. 36,000
9. 2,160	9. 2,870	9. 4,960	9. 2,520
10. 216	10. \$161	10. 496	10. 252

Reminder:  
Pop Quiz 4 is next week!