

Home School Partners

Math Tips, Tricks & Mental Calculations – Week 2

Day 1	Day 2	Day 3	Day 4
1. $60 \cdot 40$ (1) _____	1. $5,000 \cdot 80$ (1) _____	1. $72,000 \div 60$ (1) _____	1. $12,000 \cdot 30$ (1) _____
2. $3,500 \div 70$ (1) _____	2. $630,000 \div 70$ (1) _____	2. $7,000 \cdot 4,000$ (1) _____	2. $99,000 \div 900$ (1) _____
3. $300 \cdot 50$ (1) _____	3. $400 \cdot 8,000$ (1) _____	3. $3,200 \div 40$ (1) _____	3. $5,600 \div 70$ (1) _____
4. $0.8 \cdot 9$ (2) _____	4. $2,000 \cdot 0.3$ (2) _____	4. $20,000 \cdot 0.003$ (3) _____	4. $400,000 \cdot 0.09$ (2) _____
5. $990 \div 1.1$ (2) _____	5. $720 \div 0.8$ (2) _____	5. $8,800 \div 0.8$ (2) _____	5. $5,600 \div 0.8$ (2) _____
6. $800 \cdot 0.03$ (3) _____	6. $1,000 \cdot 0.04$ (3) _____	6. $10,000 \cdot 0.04$ (3) _____	6. $90,000 \cdot 0.07$ (3) _____
7. $4,000 \cdot 0.02$ (3) _____	7. $60,000 \cdot 0.06$ (3) _____	7. $200,000 \cdot 0.02$ (3) _____	7. $1,200 \cdot 0.9$ (3) _____
8. Convert 0.85 to a % and fraction. (4) _____	8. Convert $\frac{6}{25}$ to a % and a decimal. (4) _____	8. Convert $\frac{7}{25}$ to a % and a decimal. (4) _____	8. Convert 0.275 to a % and fraction. (4). _____
9. Convert 35% to a decimal and a fraction. (4) _____	9. Convert 65% to a decimal and a fraction. (4) _____	9. Convert 95% to a decimal and a fraction. (4) _____	9. Convert 86% to a decimal and a fraction. (4) _____
10. Jane filled 600 bottles. Each bottle held .09 oz.; how many oz. were needed? (3) _____	10. Ann knew 45% of the quiz answers. Convert this to a fraction and a decimal. (4) _____	10. Sue had 8,400 oz.; each bottle held 0.7 oz. How many bottles can she fill? (2) _____	10. Al sold 96% of his pet goats. Convert this to a fraction and a decimal. (4) _____

Math Tips, Tricks & Mental Calculations – Week 2 Key

Day 1

1. 2,400
2. 50
3. 15,000
4. 7.2
5. 900
6. 24
7. 80
8. 85%, $17/20$
9. .35, $7/20$
10. 54 oz.

Day 2

1. 400,000
2. 9,000
3. 3,200,000
4. 600
5. 900
6. 40
7. 3,600
8. 24%, .24
9. .65, $13/20$
10. $9/20$, .45

Day 3

1. 1,200
2. 28,000,000
3. 80
4. 60
5. 11,000
6. 400
7. 4,000
8. 28%, .28
9. .95, $19/20$
10. 12,000

Day 4

1. 360,000
2. 110
3. 80
4. 36,000
5. 7,000
6. 6,300
7. 1,080
8. 27.5%, $11/40$
9. .86, $43/50$
10. $24/25$, .96

Reminder: Pop Quiz 1
is in class next week!