



Math Tips, Tricks, Mental Calculations – Quiz 1 (Week 4)
Use MENTAL MATH to find the answers to the below questions!

- _____ 1. $80 \cdot 30$
- _____ 2. $90 \cdot 50$
- _____ 3. $400 \cdot 700$
- _____ 4. $60 \cdot 8,000$
- _____ 5. $500,000 \cdot 200$
- _____ 6. $810 \div 9$
- _____ 7. $840 \div 12$
- _____ 8. $6,400 \div 80$
- _____ 9. $56,000 \div 700$
- _____ 10. $108,000 \div 12$
- _____ 11. $8 \cdot 0.3$
- _____ 12. $70 \cdot 0.4$
- _____ 13. $600 \cdot 1.2$
- _____ 14. 11×0.8
- _____ 15. 900×0.6
- _____ 16. $63 \div 0.9$
- _____ 17. $5.4 \div 9$
- _____ 18. $4.2 \div 7$
- _____ 19. $640 \div 0.8$
- _____ 20. $24,000 \div 1.2$



Math Tips, Tricks, Mental Calculations – Quiz 1 (Week 4)
Use MENTAL MATH to find the answers to the below questions!

- | | | |
|--------------------|-----|---------------------|
| 2,400 | 1. | $80 \cdot 30$ |
| 4,500 | 2. | $90 \cdot 50$ |
| 280,000 | 3. | $400 \cdot 700$ |
| 480,000 | 4. | $60 \cdot 8,000$ |
| 100,000,000 | 5. | $500,000 \cdot 200$ |
| 90 | 6. | $810 \div 9$ |
| 70 | 7. | $840 \div 12$ |
| 80 | 8. | $6,400 \div 80$ |
| 80 | 9. | $56,000 \div 700$ |
| 9,000 | 10. | $108,000 \div 12$ |
| 2.4 | 11. | $8 \cdot 0.3$ |
| 28 | 12. | $70 \cdot 0.4$ |
| 720 | 13. | $600 \cdot 1.2$ |
| 8.8 | 14. | 11×0.8 |
| 540 | 15. | 900×0.6 |
| 70 | 16. | $63 \div 0.9$ |
| 0.6 | 17. | $5.4 \div 9$ |
| 0.6 | 18. | $4.2 \div 7$ |
| 800 | 19. | $640 \div 0.8$ |
| 20,000 | 20. | $24,000 \div 1.2$ |



Math Tips, Tricks, Mental Calculations – Quiz 2 (Week 6)
Use MENTAL MATH to find the answers to the below questions!

1. $60 \cdot 40$

2. $500 \cdot 90$

3. $120 \cdot 5,000$

4. $400,000 \cdot 600$

5. $45,000 \div 90$

6. $6,300 \div 7$

7. $5,600,000 \div 800$

8. $8 \cdot 0.6$

9. $700 \cdot 0.8$

10. $900 \cdot 1.2$

11. 11×0.5

12. 400×0.8

13. $4.9 \div 7$

14. $770 \div 0.7$

15. $36,000 \div 1.2$

16. Convert 48% to a decimal.

17. Convert 48% to a fraction (reduce it!).

18. Convert $14/25$ to a decimal.

19. Convert 87.5% to a fraction (reduce it!).

20. Convert $19/25$ to a percent.



Math Tips, Tricks, Mental Calculations – Quiz 2 (Week 6)
Use MENTAL MATH to find the answers to the below questions!

- | | | |
|-----------------------|-----|---|
| 2,400 | 1. | $60 \cdot 40$ |
| 45,000 | 2. | $500 \cdot 90$ |
| 600,000 | 3. | $120 \cdot 5,000$ |
| 240,000,000 | 4. | $400,000 \cdot 600$ |
| 500 | 5. | $45,000 \div 90$ |
| 900 | 6. | $6,300 \div 7$ |
| 7,000 | 7. | $5,600,000 \div 800$ |
| 4.8 | 8. | $8 \cdot 0.6$ |
| 560 | 9. | $700 \cdot 0.8$ |
| 1,080 | 10. | $900 \cdot 1.2$ |
| 5.5 | 11. | 11×0.5 |
| 320 | 12. | 400×0.8 |
| 0.7 | 13. | $4.9 \div 7$ |
| 1,100 | 14. | $770 \div 0.7$ |
| 30,000 | 15. | $36,000 \div 1.2$ |
| .48 | 16. | Convert 48% to a decimal. |
| 48/100 → 12/25 | 17. | Convert 48% to a fraction (reduce it!). |
| .56 | 18. | Convert 14/25 to a decimal. |
| 875/1000 → 7/8 | 19. | Convert 87.5% to a fraction (reduce it!). |
| 76% | 20. | Convert 19/25 to a percent. |



Math Tips, Tricks, Mental Calculations – Quiz 3 (Week 8)
Use MENTAL MATH to find the answers to the below questions!

1. $300 \cdot 120$

2. $1,100 \cdot 800$

3. $1,200 \cdot 4,000$

4. $50,000 \cdot 7,000$

5. $49,000 \div 70$

6. $6,400 \div 80$

7. $5,400,000 \div 600$

8. $8,000 \cdot 0.4$

9. $1,100 \cdot 0.2$

10. $9,000 \cdot 1.1$

11. 7×0.5

12. $4,000 \times 0.7$

13. $5.6 \div 8$

14. $720 \div 0.6$

15. $54,000 \div 0.9$

16. Convert 96% to a decimal.

17. Convert 96% to a fraction (reduce it!).

18. Convert $7/25$ to a decimal.

19. Convert 65% to a fraction (reduce it!).

20. Convert $17/25$ to a percent.



Math Tips, Tricks, Mental Calculations – Quiz 3 (Week 8)
Use MENTAL MATH to find the answers to the below questions!

- | | | |
|-----------------------|-----|---|
| 36,000 | 1. | $300 \cdot 120$ |
| 880,000 | 2. | $1,100 \cdot 800$ |
| 4,800,000 | 3. | $1,200 \cdot 4,000$ |
| 350,000,000 | 4. | $50,000 \cdot 7,000$ |
| 700 | 5. | $49,000 \div 70$ |
| 80 | 6. | $6,400 \div 80$ |
| 9,000 | 7. | $5,400,000 \div 600$ |
| 3,200 | 8. | $8,000 \cdot 0.4$ |
| 220 | 9. | $1,100 \cdot 0.2$ |
| 9,900 | 10. | $9,000 \cdot 1.1$ |
| 3.5 | 11. | 7×0.5 |
| 2,800 | 12. | $4,000 \times 0.7$ |
| 0.7 | 13. | $5.6 \div 8$ |
| 1,200 | 14. | $720 \div 0.6$ |
| 60,000 | 15. | $54,000 \div 0.9$ |
| .96 | 16. | Convert 96% to a decimal. |
| 96/100 → 24/25 | 17. | Convert 96% to a fraction (reduce it!). |
| .28 | 18. | Convert 7/25 to a decimal. |
| 65/100 → 13/20 | 19. | Convert 65% to a fraction (reduce it!). |
| 68% | 20. | Convert 17/25 to a percent. |



Math Tips, Tricks, Mental Calculations – Quiz 4 (Week 10)
Use MENTAL MATH to find the answers to the below questions!

1. $300 \cdot 110$

2. $1,200 \cdot 700$

3. $40,000 \cdot 8,000$

4. $6,300 \div 70$

5. $8,100,000 \div 900$

6. $6,000 \cdot 0.4$

7. $1,100 \cdot 0.8$

8. $9,000 \cdot 1.1$

9. 700×0.3

10. $4,000 \times 0.07$

11. $5.5 \div 11$

12. $720 \div 1.2$

13. Convert 88% to a decimal.

14. Convert 88% to a fraction (reduce it!).

15. Convert $8/25$ to a percent.

16. Convert 35% to a fraction (reduce it!).

17. 72×8

18. $7,200 \times 0.8$

19. Find 40 percent of 7,000.

20. What is 80 percent of 12,000?



Math Tips, Tricks, Mental Calculations – Quiz 4 (Week 10)
Use MENTAL MATH to find the answers to the below questions!

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|--|-----|---|
| 33,000 | 1. | $300 \cdot 110$ |
| 840,000 | 2. | $1,200 \cdot 700$ |
| 320,000,000 | 3. | $40,000 \cdot 8,000$ |
| 90 | 4. | $6,300 \div 70$ |
| 9,000 | 5. | $8,100,000 \div 900$ |
| 2,400 | 6. | $6,000 \cdot 0.4$ |
| 880 | 7. | $1,100 \cdot 0.8$ |
| 9,900 | 8. | $9,000 \cdot 1.1$ |
| 210 | 9. | 700×0.3 |
| 280 | 10. | $4,000 \times 0.07$ |
| 0.5 | 11. | $5.5 \div 11$ |
| 600 | 12. | $720 \div 1.2$ |
| .88 | 13. | Convert 88% to a decimal. |
| $88/100 \rightarrow 22/25$ | 14. | Convert 88% to a fraction (reduce it!). |
| 32% | 15. | Convert $8/25$ to a percent. |
| $35/100 \rightarrow 7/20$ | 16. | Convert 35% to a fraction (reduce it!). |
| 576 | 17. | 72×8 |
| 5,760 | 18. | $7,200 \times 0.8$ |
| 2,800 | 19. | Find 40 percent of 7,000. |
| 9,600 | 20. | What is 80 percent of 12,000? |



Math Tips, Tricks, Mental Calculations – Quiz 5 (Week 12)
Use MENTAL MATH to find the answers to the below questions!

- _____ 1. $600 \cdot 120$
- _____ 2. $1,100 \cdot 400$
- _____ 3. $500,000 \cdot 80$
- _____ 4. $8,400 \div 120$
- _____ 5. $9,000,000 \div 100$
- _____ 6. $8,000 \cdot 0.7$
- _____ 7. $110,000 \cdot 0.2$
- _____ 8. $800 \cdot 1.1$
- _____ 9. $1,200 \times 0.3$
- _____ 10. $5,000 \times 0.02$
- _____ 11. $550 \div 1.1$
- _____ 12. $7,700 \div 110$
- _____ 13. Convert $\frac{4}{25}$ to a percent.
- _____ 14. Convert 82.5% to a fraction (reduce it!).
- _____ 15. 82×9
- _____ 16. $8,200 \times 90$
- _____ 17. Find 90 percent of 50,000.
- _____ 18. What is 30 percent of 120,000?
- _____ 19. How much is a 15% tip for a meal that costs \$12?
- _____ 20. Give the total cost of a \$130 baseball bat, including sales tax of 8%.



Math Tips, Tricks, Mental Calculations – Quiz 5 (Week 12)
Use MENTAL MATH to find the answers to the below questions!

- | | | |
|--|-----|---|
| 72,000 | 1. | $600 \cdot 120$ |
| 440,000 | 2. | $1,100 \cdot 400$ |
| 40,000,000 | 3. | $500,000 \cdot 80$ |
| 70 | 4. | $8,400 \div 120$ |
| 90,000 | 5. | $9,000,000 \div 100$ |
| 5,600 | 6. | $8,000 \cdot 0.7$ |
| 22,000 | 7. | $110,000 \cdot 0.2$ |
| 880 | 8. | $800 \cdot 1.1$ |
| 360 | 9. | $1,200 \times 0.3$ |
| 100 | 10. | $5,000 \times 0.02$ |
| 500 | 11. | $550 \div 1.1$ |
| 70 | 12. | $7,700 \div 110$ |
| 16% | 13. | Convert $\frac{4}{25}$ to a percent. |
| $\frac{825}{1000} \rightarrow \frac{33}{40}$ | 14. | Convert 82.5% to a fraction (reduce it!). |
| 738 | 15. | 82×9 |
| 738,000 | 16. | $8,200 \times 90$ |
| 45,000 | 17. | Find 90 percent of 50,000. |
| 36,000 | 18. | What is 30 percent of 120,000? |
| \$1.80 | 19. | How much is a 15% tip for a meal that costs \$12? |
| \$140.40 | 20. | Give the total cost of a \$130 baseball bat, including sales tax of 8%. |

Math Tips, Tricks, Mental Calculations – Quiz 6 (Final) – Week 14
Use MENTAL MATH to find the answers to the below questions!

- _____ 1. $20,000 \cdot 50$
- _____ 2. $10,800 \div 9$
- _____ 3. $7,000 \cdot 0.3$
- _____ 4. $12,000 \cdot 0.6$
- _____ 5. $500 \cdot 60$
- _____ 6. $3,000 \times 0.04$
- _____ 7. $9,000 \times 0.002$
- _____ 8. $5,600,000 \div 0.7$
- _____ 9. $880,000 \div 110$
- _____ 10. Convert $\frac{3}{25}$ to a decimal.
- _____ 11. Convert $\frac{3}{25}$ to a percent.
- _____ 12. Convert 22.5% to a fraction (reduce it!).
- _____ 13. 57×8
- _____ 14. $5,700 \times 0.8$
- _____ 15. Find 90 percent of 70,000.
- _____ 16. What is 60 percent of 110,000?
- _____ 17. How much is a 15% tip for a meal that costs \$88?
- _____ 18. Give the total cost of a \$2,300 lawn mower, including a sales tax of 5%.
- _____ 19. You wait to buy an \$800 pet monkey until it's 60% off. How much do you pay?
- _____ 20. What is $\frac{4}{5}$ of 6000?

Math Tips, Tricks, Mental Calculations – Quiz 6 (Final) – Week 14
Use MENTAL MATH to find the answers to the below questions!

- | | | |
|---|-----|--|
| 1,000,000 | 1. | $20,000 \cdot 50$ |
| 1,200 | 2. | $10,800 \div 9$ |
| 2,100 | 3. | $7,000 \cdot 0.3$ |
| 7,200 | 4. | $12,000 \cdot 0.6$ |
| 30,000 | 5. | $500 \cdot 60$ |
| 120 | 6. | $3,000 \times 0.04$ |
| 18 | 7. | $9,000 \times 0.002$ |
| 8,000,000 | 8. | $5,600,000 \div 0.7$ |
| 8,000 | 9. | $880,000 \div 110$ |
| .12 | 10. | Convert $3/25$ to a decimal. |
| 12% | 11. | Convert $3/25$ to a percent. |
| $225/1000 \rightarrow 9/40$ | 12. | Convert 22.5% to a fraction (reduce it!). |
| 456 | 13. | 57×8 |
| 4,560 | 14. | $5,700 \times 0.8$ |
| 63,000 | 15. | Find 90 percent of 70,000. |
| 66,000 | 16. | What is 60 percent of 110,000? |
| \$13.20 | 17. | How much is a 15% tip for a meal that costs \$88? |
| \$2,415 | 18. | Give the total cost of a \$2,300 lawn mower, including a sales tax of 5%. |
| \$320 | 19. | You wait to buy an \$800 pet monkey until it's 60% off. How much do you pay? |
| 4,800 | 20. | What is $4/5$ of 6,000? |