

SUMMER

MATH

ASSIGNMENT



INCOMING

7TH

GRADE

CLASS OF 2029

Incoming 7TH GRADE CLASS for the school year 2023-24:

NO CALCULATORS!

This packet of math problems will be due on the 2nd day of classes (August 17, 2023). Some of it is a review and there might be some new concepts included. Do your best!

You will get credit for work completed.

KEEP IN MIND

You should attempt all problems in the packet to the best of your ability.

You are encouraged to spread the work out and do a little bit each week.

Show your work for problems, if stated in the directions. You will NOT get full credit if you don't. NO EXCEPTIONS.

Do NOT use any ink. PENCIL ONLY!

Use extra paper and staple it to the packet when needed.

Spend extra time reviewing sections you don't understand. Ask someone to help you understand difficult concepts.

Bring the completed packet to school the first day of classes - this is your first assignment of the new year. Additionally, some classes will have a quiz on the math packet.

Mrs. Hoggatt

HOGGATTEER KNIGHTS www.hoggatteerknights.com

@ Neosho Christian School www.neoshochristianschool.com

Great is our Lord and mighty in power; his understanding has no limit. Ps. 147:5

| Add Integers | | |
|--------------|------------------|--|
| 1. | $8+(-5)$ | |
| 2. | $10+(-3)$ | |
| 3. | $2+(-7)$ | |
| 4. | $4+(-11)$ | |
| 5. | $-3+(-9)$ | |
| 6. | $-12+(-7)$ | |
| 7. | $-13+5$ | |
| 8. | $-4+9$ | |
| 9. | $7+(-7)$ | |
| 10. | $-13+13$ | |
| 11. | $14+(-20)$ | |
| 12. | $6+(-4)$ | |
| 13. | $10+(-7)$ | |
| 14. | $-16+9$ | |
| 15. | $-10+34$ | |
| 16. | $-7+8+(-3)$ | |
| 17. | $-8+(-19)+(-11)$ | |
| 18. | $15+(-12)+7$ | |
| 19. | $2+(-15)+4$ | |
| 20. | $-28+7+(-7)$ | |

| Multiply Decimals | | |
|-------------------|--------------------|--|
| 21. | 3×0.2 | |
| 22. | 3×0.2 | |
| 23. | $3 \times .002$ | |
| 24. | $.6 \times 0.02$ | |
| 25. | 0.5×0.7 | |
| 26. | 3×7 | |
| 27. | 8×0.03 | |
| 28. | 0.6×7 | |
| 29. | 0.08×0.8 | |
| 30. | 0.9×0.08 | |
| 31. | 0.4×0.3 | |
| 32. | 6×2 | |
| 33. | 5×0.03 | |
| 34. | 0.7×0.9 | |
| 35. | 9×0.2 | |
| 36. | 5×3 | |
| 37. | 2×0.04 | |
| 38. | 0.09×0.07 | |
| 39. | 10×0.6 | |
| 40. | 0.1×1000 | |

Create a Mixed Fraction

| | | |
|-----|-----------------|--|
| 1. | $1\frac{1}{2}$ | |
| 2. | $2\frac{1}{2}$ | |
| 3. | $3\frac{1}{2}$ | |
| 4. | $4\frac{1}{2}$ | |
| 5. | $1\frac{1}{3}$ | |
| 6. | $1\frac{2}{3}$ | |
| 7. | $1\frac{3}{10}$ | |
| 8. | $1\frac{7}{10}$ | |
| 9. | $1\frac{9}{10}$ | |
| 10. | $2\frac{9}{10}$ | |
| 11. | $3\frac{9}{10}$ | |
| 12. | $2\frac{1}{3}$ | |
| 13. | $2\frac{2}{3}$ | |
| 14. | $3\frac{1}{3}$ | |
| 15. | $3\frac{2}{3}$ | |
| 16. | $4\frac{1}{4}$ | |
| 17. | $4\frac{3}{4}$ | |
| 18. | $2\frac{2}{5}$ | |
| 19. | $3\frac{2}{5}$ | |
| 20. | $4\frac{2}{5}$ | |

Round to the Nearest One

| | | | |
|-----|-----|---|--|
| 21. | 4.1 | ≅ | |
| 22. | 4.2 | ≅ | |
| 23. | 4.3 | ≅ | |
| 24. | 4.5 | ≅ | |
| 25. | 4.6 | ≅ | |
| 26. | 4.9 | ≅ | |
| 27. | 15 | ≅ | |
| 28. | 15 | ≅ | |
| 29. | 7.5 | ≅ | |
| 30. | 4.5 | ≅ | |
| 31. | 18 | ≅ | |
| 32. | 13 | ≅ | |
| 33. | 14 | ≅ | |
| 34. | 50 | ≅ | |
| 35. | 19 | ≅ | |
| 36. | 20 | ≅ | |
| 37. | 59 | ≅ | |
| 38. | 16 | ≅ | |
| 39. | 12 | ≅ | |
| 40. | 23 | ≅ | |

| | | |
|----------|--|--|
| Multiply | | |
|----------|--|--|

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|-----|----------|--|
| 1. | 1/5 x 2 | |
| 2. | 1/5 x 3 | |
| 3. | 1/5 x 4 | |
| 4. | 1/8 x 2 | |
| 5. | 1/10 x 7 | |
| 6. | 6 / 3 | |
| 7. | 10 x 1/5 | |
| 8. | 2/3 x 9 | |
| 9. | 3/4 x 8 | |
| 10. | 1/6 x 12 | |
| 11. | 18 x 1/6 | |
| 12. | 4/5 x 15 | |
| 13. | 18 x 5/6 | |
| 14. | 32 x 7/8 | |
| 15. | 5/9 x 54 | |
| 16. | 63 x 7/9 | |
| 17. | 56 x 3/7 | |
| 18. | 6/7 x 49 | |
| 19. | 18 x 1/6 | |
| 20. | 28 x 4/7 | |

| | | |
|----------|--|--|
| Multiply | | |
|----------|--|--|

- | | | |
|-----|----------------------------|--|
| 21. | 10 x 10 | |
| 22. | 10 ² | |
| 23. | 10 ² x 10 | |
| 24. | 10 ³ x 10 | |
| 25. | 10 ⁴ | |
| 26. | 2 x 100 | |
| 27. | 3.1 x 10 ² | |
| 28. | 3.157 x 10 ² | |
| 29. | 5 x 10,000 | |
| 30. | 5.492 x 10 ⁴ | |
| 31. | 8.04 x 10 ³ | |
| 32. | 9.104 x 10 ⁴ | |
| 33. | 1.2 x 10 ² | |
| 34. | 24.007 x 10 ² | |
| 35. | 5.731 x 10 ⁴ | |
| 36. | 45.4 x 10 | |
| 37. | 0.03 x 100 | |
| 38. | 24 x 100 | |
| 39. | 3.162 x 10 ² | |
| 40. | 420.0179 x 10 ² | |

Solve

- | | | |
|-----|-----------------|--|
| 1. | 5×100 | |
| 2. | $500 - 5$ | |
| 3. | 5×99 | |
| 4. | 3×100 | |
| 5. | $300 - 3$ | |
| 6. | 3×99 | |
| 7. | 2×100 | |
| 8. | $200 - 2$ | |
| 9. | 21×99 | |
| 10. | 11×99 | |
| 11. | $1100 - 11$ | |
| 12. | 97×99 | |
| 13. | 60×100 | |
| 14. | $2100 - 2$ | |
| 15. | 42×99 | |
| 16. | 775×99 | |
| 17. | 42×100 | |
| 18. | 60×99 | |
| 19. | 97×99 | |
| 20. | 7×100 | |

Add

- | | | |
|-----|-------------------|--|
| 21. | $2 + 1$ | |
| 22. | $25 + 1$ | |
| 23. | $0.2 + 0.1$ | |
| 24. | $0.27 + 0.1$ | |
| 25. | $52 + 0.1$ | |
| 26. | $0.02 + 0.01$ | |
| 27. | $4.82 + 0.01$ | |
| 28. | $20 + 10$ | |
| 29. | $3.628 + 0.01$ | |
| 30. | $37.048 + 0.001$ | |
| 31. | $4.736 + 1$ | |
| 32. | $5.208 + 0.01$ | |
| 33. | $2.584 + 3.012$ | |
| 34. | $7.642 + 3.425$ | |
| 35. | $5.73 + 2.22$ | |
| 36. | $45.4 + 5.555$ | |
| 37. | $89.1 + 0.02$ | |
| 38. | $5.456 + 6.456$ | |
| 39. | $3.162 + 10$ | |
| 40. | $4.20789 + 0.535$ | |

Fill in the multiplication table. Practice these over the summer-
 pop quizzes will be used throughout the year over these facts.

| | | | | | | | | | | | | | | | |
|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| X | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1 | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| = | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |