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Park Forest/Chicago Heights
School District 163
Summer Learning Packet

## Students entering

## Grade 7

Please complete this pachet during youn summen break and turn it in on the first day of school to qualify for the incentive.

Contents include: TTM Requirements, Math Fluency Practice, Math Activities, Reading Log, Tristan Strong Punches a Hole in the Sky Novel Study/Activities and Enrichment Activities.

## THINK THROUCH MATH



## Imagine Math

All students are required to pass their pathway over the summer. Students will use the same login and password information. It is recommended for every student to pass two lessons per week until they complete/pass their summer pathway.



## PRACTICE YOUR MATH FLUENCY SKILS TO keep SHARP!

Number Correct: $\qquad$
Division of Fractions II-Round 1
Directions: Determine the quotient of the fractions.

| 1. | $\frac{4}{10} \div \frac{2}{10}$ |  |
| :---: | :---: | :---: |
| 2. | $\frac{9}{12} \div \frac{3}{12}$ |  |
| 3. | $\frac{6}{10} \div \frac{4}{10}$ |  |
| 4. | $\frac{2}{8} \div \frac{3}{8}$ |  |
| 5. | $\frac{2}{7} \div \frac{6}{7}$ |  |
| 6. | $\frac{11}{9} \div \frac{8}{9}$ |  |
| 7. | $\frac{5}{13} \div \frac{10}{13}$ |  |
| 8. | $\frac{7}{8} \div \frac{13}{16}$ |  |
| 9. | $\frac{3}{5} \div \frac{7}{10}$ |  |
| 10. | $\frac{9}{30} \div \frac{3}{5}$ |  |
| 11. | $\frac{1}{3} \div \frac{4}{5}$ |  |
| 12. | $\frac{2}{5} \div \frac{3}{4}$ |  |
| 13. | $\frac{3}{4} \div \frac{5}{9}$ |  |
| 14. | $\frac{4}{5} \div \frac{7}{12}$ |  |
| 15. | $\frac{3}{8} \div \frac{5}{2}$ |  |


| 16. | $3 \frac{1}{8} \div \frac{2}{3}$ |  |
| :---: | :---: | :---: |
| 17. | $1 \frac{5}{6} \div \frac{1}{2}$ |  |
| 18. | $\frac{5}{8} \div 2 \frac{3}{4}$ |  |
| 19. | $\frac{1}{3} \div 1 \frac{4}{5}$ |  |
| 20. | $\frac{3}{4} \div 2 \frac{3}{10}$ |  |
| 21. | $2 \frac{1}{5} \div 1 \frac{1}{6}$ |  |
| 22. | $2 \frac{4}{9} \div 1 \frac{3}{5}$ |  |
| 23. | $1 \frac{2}{9} \div 3 \frac{2}{5}$ |  |
| 24. | $2 \frac{2}{3} \div 3$ |  |
| 25. | $1 \frac{3}{4} \div 2 \frac{2}{5}$ |  |
| 26. | $4 \div 1 \frac{2}{9}$ |  |
| 27. | $3 \frac{1}{5} \div 6$ |  |
| 28. | $2 \frac{5}{6} \div 1 \frac{1}{3}$ |  |
| 29. | $10 \frac{2}{3} \div 8$ |  |
| 30. | $15 \div 2 \frac{3}{5}$ |  |

Number Correct: $\qquad$ Improvement: $\qquad$

Division of Fractions II-Round 2
Directions: Determine the quotient of the fractions.

| 1. | $\frac{10}{2} \div \frac{5}{2}$ |  |
| :---: | :---: | :---: |
| 2. | $\frac{6}{5} \div \frac{3}{5}$ |  |
| 3. | $\frac{10}{7} \div \frac{2}{7}$ |  |
| 4. | $\frac{3}{8} \div \frac{5}{8}$ |  |
| 5. | $\frac{1}{4} \div \frac{3}{12}$ |  |
| 6. | $\frac{7}{5} \div \frac{3}{10}$ |  |
| 7. | $\frac{8}{15} \div \frac{4}{5}$ |  |
| 8. | $\frac{5}{6} \div \frac{5}{12}$ |  |
| 9. | $\frac{3}{5} \div \frac{7}{9}$ |  |
| 10. | $\frac{3}{10} \div \frac{3}{9}$ |  |
| 11. | $\frac{3}{4} \div \frac{7}{9}$ |  |
| 12. | $\frac{7}{10} \div \frac{3}{8}$ |  |
| 13. | $4 \div \frac{4}{9}$ |  |
| 14. | $\frac{5}{8} \div 7$ |  |
| 15. | $9 \div \frac{2}{3}$ |  |


| 16. | $\frac{5}{8} \div 1 \frac{3}{4}$ |  |
| :---: | :---: | :---: |
| 17. | $\frac{1}{4} \div 2 \frac{2}{5}$ |  |
| 18. | $2 \frac{3}{5} \div \frac{3}{8}$ |  |
| 19. | $1 \frac{3}{5} \div \frac{2}{9}$ |  |
| 20. | $4 \div 2 \frac{3}{8}$ |  |
| 21. | $1 \frac{1}{2} \div 5$ |  |
| 22. | $3 \frac{1}{3} \div 1 \frac{3}{4}$ |  |
| 23. | $2 \frac{2}{5} \div 1 \frac{1}{4}$ |  |
| 24. | $3 \frac{1}{2} \div 2 \frac{2}{3}$ |  |
| 25. | $1 \frac{4}{5} \div 2 \frac{3}{4}$ |  |
| 26. | $3 \frac{1}{6} \div 1 \frac{3}{5}$ |  |
| 27. | $3 \frac{3}{5} \div 2 \frac{1}{8}$ |  |
| 28. | $5 \div 1 \frac{1}{6}$ |  |
| 29. | $3 \frac{3}{4} \div 5 \frac{1}{2}$ |  |
| 30. | $4 \frac{2}{3} \div 5 \frac{1}{4}$ |  |

## Addition of Decimals II - Round 2

Number Correct: $\qquad$ Improvement: $\qquad$

Directions: Evaluate each expression.

| 1. | $7.4+3$ |  |
| :---: | :---: | :---: |
| 2. | $7.4+0.3$ |  |
| 3. | $7.4+0.03$ |  |
| 4. | $7.4+0.003$ |  |
| 5. | $7.4+0.0003$ |  |
| 6. | $6+2.2$ |  |
| 7. | $0.6+2.2$ |  |
| 8. | $0.06+2.2$ |  |
| 9. | $0.006+2.2$ |  |
| 10. | $0.0006+2.2$ |  |
| 11. | $0.6+22$ |  |
| 12. | $7+0.8$ |  |
| 13. | $0.7+0.08$ |  |
| 14. | $0.07+0.8$ |  |
| 15. | $0.7+8$ |  |
| 16. | $7+0.08$ |  |
| 17. | $5+0.4$ |  |
| 18. | $0.5+0.04$ |  |
| 19. | $0.05+0.4$ |  |
| 20. | $0.5+4$ |  |
| 21. | $5+0.04$ |  |
| 22. | $5+0.4$ |  |


| 23. | $3.6+2.3$ |  |
| :---: | :---: | :---: |
| 24. | $3.6+0.23$ |  |
| 25. | $3.6+0.023$ |  |
| 26. | $0.36+0.023$ |  |
| 27. | $0.036+0.023$ |  |
| 28. | $0.13+56$ |  |
| 29. | $1.3+5.6$ |  |
| 30. | $1.3+0.56$ |  |
| 31. | $1.3+0.056$ |  |
| 32. | $0.13+0.056$ |  |
| 33. | $0.013+0.056$ |  |
| 34. | $2+0.8$ |  |
| 35. | $0.2+0.8$ |  |
| 36. | $0.02+0.08$ |  |
| 37. | $0.002+0.008$ |  |
| 38. | $0.16+14$ |  |
| 39. | $1.6+1.4$ |  |
| 40. | $0.16+0.14$ |  |
| 41. | $0.016+0.014$ |  |
| 42. | $15+0.15$ |  |
| 43. | $1.5+1.5$ |  |
| 44. | $0.15+0.15$ |  |

## Subtraction of Decimals - Round 2

Number Correct: $\qquad$
Improvement: $\qquad$

Directions: Evaluate each expression.

| 1. | 66-60 |  |
| :---: | :---: | :---: |
| 2. | 66-6 |  |
| 3. | 6.6-6 |  |
| 4. | $6.6-0.6$ |  |
| 5. | $99-90$ |  |
| 6. | 99-9 |  |
| 7. | $9.9-9$ |  |
| 8. | $9.9-0.9$ |  |
| 9. | $22-20$ |  |
| 10. | 22-2 |  |
| 11. | $2.2-2$ |  |
| 12. | 3-0.4 |  |
| 13. | 3-0.04 |  |
| 14. | $3-0.004$ |  |
| 15. | 0.3-0.04 |  |
| 16. | $8-0.2$ |  |
| 17. | 8-0.02 |  |
| 18. | 8-0.002 |  |
| 19. | 0.8-0.02 |  |
| 20. | 5-0.1 |  |
| 21. | 5-0.01 |  |
| 22. | 5-0.001 |  |


| 23. | 6.8-4 |  |
| :---: | :---: | :---: |
| 24. | $6.8-0.4$ |  |
| 25. | 0.68-0.4 |  |
| 26. | 0.68-0.04 |  |
| 27. | 7.3-1 |  |
| 28. | $7.3-0.1$ |  |
| 29. | 0.73-0.1 |  |
| 30. | $0.73-0.01$ |  |
| 31. | $9.5-2$ |  |
| 32. | $9.5-0.2$ |  |
| 33. | 0.95-0.2 |  |
| 34. | $8.3-5$ |  |
| 35. | $8.3-0.5$ |  |
| 36. | 0.83-0.5 |  |
| 37. | $0.83-0.05$ |  |
| 38. | $7.2-4$ |  |
| 39. | $7.2-0.4$ |  |
| 40. | 0.72-0.4 |  |
| 41. | 0.72-0.04 |  |
| 42. | 9.3-7 |  |
| 43. | $9.3-0.7$ |  |
| 44. | 0.93-0.7 |  |

Number Correct: $\qquad$

## Multiplication of Decimals II-Round 1

Directions: Determine the products of the decimals.

| 1. | $4.5 \times 3$ |  |
| :---: | :---: | :---: |
| 2. | $7.2 \times 8$ |  |
| 3. | $9.4 \times 6$ |  |
| 4. | $10.2 \times 7$ |  |
| 5. | $8.3 \times 4$ |  |
| 6. | $5.8 \times 2$ |  |
| 7. | $7.1 \times 9$ |  |
| 8. | $5.9 \times 10$ |  |
| 9. | $3.4 \times 3$ |  |
| 10. | $3.2 \times 4$ |  |
| 11. | $6 \times 2.8$ |  |
| 12. | $9.7 \times 3$ |  |
| 13. | $8 \times 10.2$ |  |
| 14. | $4 \times 8.9$ |  |
| 15. | $3.9 \times 7$ |  |
| 16. | $6 \times 5.5$ |  |
| 17. | $1.8 \times 8$ |  |
| 18. | $9 \times 2.3$ |  |


| 19. | $3.5 \times 4.1$ |  |
| :---: | :---: | :---: |
| 20. | $9.3 \times 1.7$ |  |
| 21. | $10.4 \times 7.6$ |  |
| 22. | $2.7 \times 8.3$ |  |
| 23. | $1.8 \times 7.8$ |  |
| 24. | $7.5 \times 10.1$ |  |
| 25. | $7.2 \times 6.3$ |  |
| 26. | $1.9 \times 8.3$ |  |
| 27. | $9.8 \times 5.1$ |  |
| 28. | $18.2 \times 12$ |  |
| 29. | $13.4 \times 22$ |  |
| 30. | $92.3 \times 45$ |  |
| 31. | $86.1 \times 16$ |  |
| 32. | $29.7 \times 8.2$ |  |
| 33. | $56.8 \times 9.5$ |  |
| 34. | $110.3 \times 20.2$ |  |
| 35. | $256.6 \times 54.9$ |  |
| 36. | $312.8 \times 16.5$ |  |

## Multiplication of Decimals II-Round 2

Number Correct: $\qquad$ Improvement: $\qquad$
Directions: Determine the products of the decimals.

| 1. | $3.7 \times 8$ |  |
| :---: | :---: | :---: |
| 2. | $9.2 \times 10$ |  |
| 3. | $2.1 \times 3$ |  |
| 4. | $4.8 \times 9$ |  |
| 5. | $3.3 \times 5$ |  |
| 6. | $7.4 \times 4$ |  |
| 7. | $8.1 \times 9$ |  |
| 8. | $1.9 \times 2$ |  |
| 9. | $5.6 \times 7$ |  |
| 10. | $3.6 \times 8$ |  |
| 11. | $4 \times 9.8$ |  |
| 12. | $5 \times 8.7$ |  |
| 13. | $1.4 \times 7$ |  |
| 14. | $3 \times 10.2$ |  |
| 15. | $2.8 \times 6$ |  |
| 16. | $3.9 \times 9$ |  |
| 17. | $8.2 \times 6$ |  |
| 18. | $4.5 \times 9$ |  |


| 19. | $4.6 \times 5.2$ |  |
| :---: | :---: | :---: |
| 20. | $6.8 \times 1.9$ |  |
| 21. | $7.8 \times 10.4$ |  |
| 22. | $3.8 \times 3.9$ |  |
| 23. | $9.3 \times 4.2$ |  |
| 24. | $1.4 \times 9.5$ |  |
| 25. | $9.4 \times 2.7$ |  |
| 26. | $5.6 \times 4.2$ |  |
| 27. | $8.6 \times 3.1$ |  |
| 28. | $14.5 \times 19$ |  |
| 29. | $33 \times 10.2$ |  |
| 30. | $51 \times 32.4$ |  |
| 31. | $45 \times 17.6$ |  |
| 32. | $15.2 \times 6.7$ |  |
| 33. | $39.5 \times 8.4$ |  |
| 34. | $96.8 \times 31.7$ |  |
| 35. | $189.1 \times 72.9$ |  |
| 36. | $302.4 \times 13.1$ |  |

Number Correct: $\qquad$

## Greatest Common Factor—Round 1

Directions: Determine the greatest common factor of each pair of numbers.

| 1. | GCF of 10 and 50 |  |
| :---: | :---: | :---: |
| 2. | GCF of 5 and 35 |  |
| 3. | GCF of 3 and 12 |  |
| 4. | GCF of 8 and 20 |  |
| 5. | GCF of 15 and 35 |  |
| 6. | GCF of 10 and 75 |  |
| 7. | GCF of 9 and 30 |  |
| 8. | GCF of 15 and 33 |  |
| 9. | GCF of 12 and 28 |  |
| 10. | GCF of 16 and 40 |  |
| 11. | GCF of 24 and 32 |  |
| 12. | GCF of 35 and 49 |  |
| 13. | GCF of 45 and 60 |  |
| 14. | GCF of 48 and 72 |  |
| 15. | GCF of 50 and 42 |  |


| 16. | GCF of 45 and 72 |  |
| :---: | :---: | :---: |
| 17. | GCF of 28 and 48 |  |
| 18. | GCF of 44 and 77 |  |
| 19. | GCF of 39 and 66 |  |
| 20. | GCF of 64 and 88 |  |
| 21. | GCF of 42 and 56 |  |
| 22. | GCF of 28 and 42 |  |
| 23. | GCF of 13 and 91 |  |
| 24. | GCF of 16 and 84 |  |
| 25. | GCF of 36 and 99 |  |
| 26. | GCF of 39 and 65 |  |
| 27. | GCF of 27 and 87 |  |
| 28. | GCF of 28 and 70 |  |
| 29. | GCF of 26 and 91 |  |
| 30. | GCF of 34 and 51 |  |

Number Correct: $\qquad$
Improvement: $\qquad$

## Greatest Common Factor-Round 2

Directions: Determine the greatest common factor of each pair of numbers.

| 1. | GCF of 20 and 80 |  |
| :---: | :---: | :---: |
| 2. | GCF of 10 and 70 |  |
| 3. | GCF of 9 and 36 |  |
| 4. | GCF of 12 and 24 |  |
| 5. | GCF of 15 and 45 |  |
| 6. | GCF of 10 and 95 |  |
| 7. | GCF of 9 and 45 |  |
| 8. | GCF of 18 and 33 |  |
| 9. | GCF of 12 and 32 |  |
| 10. | GCF of 16 and 56 |  |
| 11. | GCF of 40 and 72 |  |
| 12. | GCF of 35 and 63 |  |
| 13. | GCF of 30 and 75 |  |
| 14. | GCF of 42 and 72 |  |
| 15. | GCF of 30 and 28 |  |


| 16. | GCF of 33 and 99 |  |
| :---: | :---: | :---: |
| 17. | GCF of 38 and 76 |  |
| 18. | GCF of 26 and 65 |  |
| 19. | GCF of 39 and 48 |  |
| 20. | GCF of 72 and 88 |  |
| 21. | GCF of 21 and 56 |  |
| 22. | GCF of 28 and 52 |  |
| 23. | GCF of 51 and 68 |  |
| 24. | GCF of 48 and 84 |  |
| 25. | GCF of 21 and 63 |  |
| 26. | GCF of 64 and 80 |  |
| 27. | GCF of 36 and 90 |  |
| 28. | GCF of 28 and 98 |  |
| 29. | GCF of 39 and 91 |  |
| 30. | GCF of 38 and 95 |  |

## Addition and Subtraction Equations-Round 1

Directions: Find the value of $m$ in each equation.

| 1. | $m+4=11$ |  |
| :---: | :---: | :---: |
| 2. | $m+2=5$ |  |
| 3. | $m+5=8$ |  |
| 4. | $m-7=10$ |  |
| 5. | $m-8=1$ |  |
| 6. | $m-4=2$ |  |
| 7. | $m+12=34$ |  |
| 8. | $m+25=45$ |  |
| 9. | $m+43=89$ |  |
| 10. | $m-20=31$ |  |
| 11. | $m-13=34$ |  |
| 12. | $m-45=68$ |  |
| 13. | $m+34=41$ |  |
| 14. | $m+29=52$ |  |
| 15. | $m+37=61$ |  |
| 16. | $m-43=63$ |  |
| 17. | $m-21=40$ |  |


| 18. | $m-54=37$ |  |
| :---: | :---: | :---: |
| 19. | $4+m=9$ |  |
| 20. | $6+m=13$ |  |
| 21. | $2+m=31$ |  |
| 22. | $15=m+11$ |  |
| 23. | $24=m+13$ |  |
| 24. | $32=m+28$ |  |
| 25. | $4=m-7$ |  |
| 26. | $3=m-5$ |  |
| 27. | $12=m-14$ |  |
| 28. | $23.6=m-7.1$ |  |
| 29. | $14.2=m-33.8$ |  |
| 30. | $2.5=m-41.8$ |  |
| 31. | $64.9=m+23.4$ |  |
| 32. | $72.2=m+38.7$ |  |
| 33. | $1.81=m-15.13$ |  |
| 34. | $24.68=m-56.82$ |  |

## Addition and Subtraction Equations-Round 2

Number Correct: $\qquad$ Improvement: $\qquad$
Directions: Find the value of $m$ in each equation.

| 1. | $m+2=7$ |  |
| :---: | :---: | :---: |
| 2. | $m+4=10$ |  |
| 3. | $m+8=15$ |  |
| 4. | $m+7=23$ |  |
| 5. | $m+12=16$ |  |
| 6. | $m-5=2$ |  |
| 7. | $m-3=8$ |  |
| 8. | $m-4=12$ |  |
| 9. | $m-14=45$ |  |
| 10. | $m+23=40$ |  |
| 11. | $m+13=31$ |  |
| 12. | $m+23=48$ |  |
| 13. | $m+38=52$ |  |
| 14. | $m-14=27$ |  |
| 15. | $m-23=35$ |  |
| 16. | $m-17=18$ |  |
| 17. | $m-64=1$ |  |


| 18. | $6=m+3$ |  |
| :---: | :---: | :---: |
| 19. | $12=m+7$ |  |
| 20. | $24=m+16$ |  |
| 21. | $13=m+9$ |  |
| 22. | $32=m-3$ |  |
| 23. | $22=m-12$ |  |
| 24. | $34=m-10$ |  |
| 25. | $48=m+29$ |  |
| 26. | $21=m+17$ |  |
| 27. | $52=m+37$ |  |
| 28. | $\frac{6}{7}=m+\frac{4}{7}$ |  |
| 29. | $\frac{2}{3}=m-\frac{5}{3}$ |  |
| 30. | $\frac{1}{4}=m-\frac{8}{3}$ |  |
| 31. | $\frac{5}{6}=m-\frac{7}{12}$ |  |
| 32. | $\frac{7}{8}=m-\frac{5}{12}$ |  |
| 33. | $\frac{7}{6}+m=\frac{16}{3}$ |  |
| 34. | $\frac{1}{3}+m=\frac{13}{15}$ |  |

# THE FOLLOWIIG PAces WIL HeLP YOU PREPARE FOR TTH GRADE MATH BY Reviewning concepts you stupled during 6TH GRADE. 

## CHECX OUT THE WERSTIES BELOW FOR EXTRA HELP II MATH.

## https://www.khanacademy.org/

http://www.virtualnerd.com/middle-math/all

1)

2)

3)

4)

4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
5)

6)

8. $\qquad$
9. $\qquad$
10. $\qquad$
7)

8)

9)

10)


Find the volume of each of the rectangular prisms. Measured in $\mathbf{c m}$ (not to scale).
1)

2) $\quad 4$


1. $\qquad$
2. $\qquad$
3. $\qquad$
3) 


4)

4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
5)

6)

8. $\qquad$
9. $\qquad$
10. $\qquad$
7)

8)

9)

10)

$\qquad$

## One-Step Equations With Integers

Date $\qquad$ Period

## Solve each equation.

1) $v-10=-9$
2) $v-10=-3$
3) $x-3=4$
4) $\frac{x}{5}=2$
5) $22=-11 k$
6) $-13 m=-377$
7) $b-7=-1$
8) $-8=p-13$
9) $-40=-5 p$
10) $418=-22 a$
11) $\frac{a}{29}=5$
12) $-2=\frac{m}{16}$
13) $x-11=16$
14) $-10=x-21$
15) $20=\frac{n}{4}$
16) $n-29=-53$
17) $-19=b-6$
18) $-8=-16+n$
19) $-9+x=-26$
20) $29+n=13$
21) $21=\frac{x}{18}$
22) $k+1=-27$
23) $6=m-16$
24) $5=v+29$
25) $168=-84 n$
26) $41 k=-2747$
27) $\frac{x}{15}=11$
28) $-71=\frac{x}{64}$

REMOTE LEARNING - DIVISION FACT COLORING OPTION B

| $2 \div 2$ | $2 \div 2$ | $4 \div 4$ | $3 \div 3$ | $1 \div 1$ | 1 $\div 1$ | 30 $\div 5$ | $4 \div 4$ | $1 \div 1$ | $1 \div 1$ | 1 $\div 1$ | $3 \div 3$ | $6 \div 1$ | $4 \div 4$ | $5 \div 5$ | $4 \div 4$ | $1 \div 1$ | $2 \div 2$ | $1 \div 1$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $3 \div 3$ | $3 \div 3$ | $2 \div 2$ | $1 \div 1$ | 1 $\div 1$ | $4 \div 4$ | $24 \div 4$ | 30 $\div 5$ | $30 \div 5$ | $24 \div 4$ | 18ㅜ | 18 $\div 3$ | $24 \div 4$ | 5 $\div 5$ | 5 $\div 5$ | $2 \div 2$ | $1 \div 1$ | $4 \div 4$ | $4 \div 4$ |
| $4 \div 4$ | $3 \div 3$ | $2 \div 2$ | $1 \div 1$ | $4 \div 4$ | $4 \div 4$ | $12 \div 2$ | $12 \div 2$ | 24 $\div 4$ | $12 \div 2$ | $24 \div 4$ | 30 $\div 5$ | $24 \div 4$ | $2 \div 2$ | $1 \div 1$ | $2 \div 2$ | $5 \div 5$ | $3 \div 3$ | $2 \div 2$ |
| $2 \div 2$ | $3 \div 3$ | $1 \div 1$ | $2 \div 2$ | $4 \div 4$ | 1 $\div 1$ | $24 \div 4$ | $18 \div 3$ | $18 \div 3$ | $24 \div 4$ | $24 \div 4$ | $6 \div 1$ | $24 \div 4$ | $2 \div 2$ | $5 \div 5$ | $3 \div 3$ | $2 \div 2$ | $4 \div 4$ | $5 \div 5$ |
| $2 \div 2$ | $4 \div 4$ | $4 \div 4$ | $4 \div 4$ | $3 \div 3$ | $3 \div 3$ | $12 \div 2$ | $24 \div 4$ | 20ㄴ4 | $5 \div 1$ | $18 \div 3$ | $20 \div 4$ | $15 \div 3$ | $3 \div 3$ | $5 \div 5$ | $2 \div 2$ | $1 \div 1$ | $2 \div 2$ | $4 \div 4$ |
| $4 \div 4$ | $1 \div 1$ | $3 \div 3$ | $4 \div 4$ | $1 \div 1$ | $5 \div 5$ | $24 \div 4$ | $12 \div 2$ | $24 \div 4$ | $12 \div 2$ | $6 \div 1$ | $30 \div 5$ | $18 \div 3$ | $5 \div 5$ | $5 \div 5$ | $5 \div 5$ | 1 $\div 1$ | $5 \div 5$ | $4 \div 4$ |
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| $4 \div 4$ | $2 \div 2$ | $4 \div 4$ | $1 \div 1$ | $5 \div 5$ | $4 \div 4$ | $24 \div 4$ | $24 \div 4$ | $8 \div 4$ | $12 \div 4$ | $3 \div 1$ | $9 \div 3$ | $6 \div 3$ | $1 \div 1$ | $2 \div 2$ | $4 \div 4$ | $4 \div 4$ | $2 \div 2$ | $5 \div 5$ |
| $4 \div 4$ | $1 \div 1$ | $4 \div 4$ | $1 \div 1$ | $24 \div 4$ | $18 \div 3$ | $6 \div 1$ | $6 \div 1$ | $18 \div 3$ | $4 \div 2$ | $10 \div 5$ | $8 \div 4$ | $6 \div 1$ | $18 \div 3$ | $12 \div 2$ | $3 \div 3$ | 5 $\div 5$ | $5 \div 5$ | $4 \div 4$ |
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| $24 \div 4$ | 18 $\div 3$ | $12 \div 2$ | $6 \div 1$ | 20 $\div 5$ | $8 \div 2$ | $4 \div 1$ | $12 \div 2$ | 24 $\div 4$ | 30 $\div 5$ | $18 \div 3$ | $24 \div 4$ | $30 \div 5$ | $8 \div 2$ | $4 \div 1$ | $6 \div 1$ | 30 $\div 5$ | $24 \div 4$ | $12 \div 2$ |
| $25 \div 5$ | $16 \div 4$ | 20 $\div 5$ | $16 \div 4$ | $16 \div 4$ | $8 \div 2$ | $4 \div 1$ | $8 \div 2$ | 205 | $16 \div 4$ | $8 \div 2$ | $8 \div 2$ | 20 $\div 5$ | $12 \div 3$ | $8 \div 2$ | $12 \div 3$ | $8 \div 2$ | $4 \div 1$ | $15 \div 3$ |
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| $15 \div 3$ | $4 \div 1$ | $16 \div 4$ | $12 \div 3$ | $24 \div 4$ | $30 \div 5$ | $18 \div 3$ | $24 \div 4$ | $30 \div 5$ | $12 \div 2$ | 30 -5 | $6 \div 1$ | $24 \div 4$ | $12 \div 2$ | $18 \div 3$ | $8 \div 2$ | $16 \div 4$ | $16 \div 4$ | $15 \div 3$ |
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| $12 \div 3$ | 20 $\div 5$ | $10 \div 2$ | $18 \div 3$ | $24 \div 4$ | $10 \div 2$ | $12 \div 3$ | $4 \div 1$ | 20 $\div 5$ | $12 \div 3$ | $8 \div 2$ | $8 \div 2$ | $12 \div 3$ | $20 \div 4$ | $18 \div 3$ | $12 \div 2$ | $15 \div 3$ | $16 \div 4$ | $4 \div 1$ |

## BATMAN

| 1 | Blue | 4 | Light Gray |
| :--- | :--- | :--- | :--- |
| 2 | Light Beige | 5 | Dark Gray |
| 3 | Dark Beige | 6 | Black |

Use the key to the left to determine which color to use for each division fact answer. Students completing on paper please send a picture of your completed picture to your teacher's email address. Students completing online please see additional directions at the bottom of the Google slide.

Name:
Penguin

| $40 \div 10$ | $30 \div 10$ | $18 \div 6$ | $30 \div 10$ | $40 \div 10$ | $16 \div 4$ | $36 \div 9$ | $64 \div 8$ | $35 \div 5$ | $40 \div 5$ | $56 \div 7$ | $40 \div 5$ | $30 \div 10$ | $21 \div 7$ | $12 \div 4$ | $28 \div 7$ | $40 \div 10$ | $40 \div 10$ | $9 \div 3$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $16 \div 4$ | $24 \div 6$ | $40 \div 10$ | $18 \div 6$ | $12 \div 4$ | $40 \div 10$ | $28 \div 4$ | $56 \div 8$ | $16 \div 2$ | $7 \div 1$ | $24 \div 3$ | $28 \div 4$ | $64 \div 8$ | $9 \div 3$ | $18 \div 6$ | $12 \div 3$ | $6 \div 2$ | $3 \div 1$ | $12 \div 3$ |
| $27 \div 9$ | $30 \div 10$ | $20 \div 5$ | $6 \div 2$ | $8 \div 2$ | $72 \div 9$ | $56 \div 7$ | $56 \div 7$ | $32 \div 4$ | $7 \div 1$ | $21 \div 3$ | $16 \div 2$ | $7 \div 1$ | $63 \div 9$ | $40 \div 10$ | $24 \div 6$ | $9 \div 3$ | $9 \div 3$ | $12 \div 3$ |
| $30 \div 10$ | $40 \div 10$ | $32 \div 8$ | $4 \div 1$ | $49 \div 7$ | $56 \div 7$ |  |  | $32 \div 4$ | $63 \div 9$ | $80 \div 10$ |  |  | $56 \div 7$ | $70 \div 10$ | $16 \div 4$ | $9 \div 3$ | $12 \div 4$ | $36 \div 9$ |
| 28 $\div 7$ | $12 \div 3$ | 36 $\div 9$ | $48 \div 6$ | $56 \div 7$ |  |  |  |  |  |  |  |  |  | $48 \div 6$ | $72 \div 9$ | $12 \div 3$ | $12 \div 4$ | $3 \div 1$ |
| $9 \div 3$ | $21 \div 7$ | $4 \div 1$ | $42 \div 6$ | $63 \div 9$ |  |  | $8 \div 1$ |  |  |  | $56 \div 7$ |  |  | $14 \div 2$ | $21 \div 3$ | $3 \div 1$ | $21 \div 7$ | $27 \div 9$ |
| $8 \div 2$ | $12 \div 3$ | $24 \div 6$ | $28 \div 4$ | $48 \div 6$ |  |  |  |  |  |  |  |  |  | $80 \div 10$ | $49 \div 7$ | $21 \div 7$ | $30 \div 10$ | $36 \div 9$ |
| $40 \div 10$ | $12 \div 3$ | $12 \div 4$ | $49 \div 7$ | $64 \div 8$ | $40 \div 5$ |  |  | $15 \div 3$ | $30 \div 6$ | $15 \div 3$ |  |  | $72 \div 9$ | $28 \div 4$ | $48 \div 6$ | $3 \div 1$ | $30 \div 10$ | $16 \div 4$ |
| $4 \div 1$ | $32 \div 8$ | $24 \div 8$ | $21 \div 7$ | $24 \div 3$ | $40 \div 5$ | $42 \div 6$ | $60 \div 10$ | $45 \div 9$ | $42 \div 7$ | $15 \div 3$ | $20 \div 4$ | $72 \div 9$ | $7 \div 1$ | $48 \div 6$ | $36 \div 9$ | $24 \div 8$ | $4 \div 1$ | $18 \div 6$ |
| $4 \div 1$ | $32 \div 8$ | $28 \div 7$ | $40 \div 10$ | $4 \div 1$ | $40 \div 5$ | $56 \div 8$ | $35 \div 5$ | $5 \div 1$ | $25 \div 5$ | $6 \div 1$ | $32 \div 4$ | $56 \div 7$ | $14 \div 2$ | $8 \div 2$ | $9 \div 3$ | $9 \div 3$ | $16 \div 4$ | $18 \div 6$ |
| $30 \div 10$ | $28 \div 7$ | $24 \div 8$ | $9 \div 3$ | $9 \div 3$ | $21 \div 3$ | $24 \div 3$ | $16 \div 2$ | $64 \div 8$ | $70 \div 10$ | $28 \div 4$ | $48 \div 6$ | $42 \div 6$ | $48 \div 6$ | $28 \div 7$ | $8 \div 2$ | $32 \div 8$ | $40 \div 10$ | $28 \div 7$ |
| $16 \div 4$ | $16 \div 4$ | $12 \div 3$ | $15 \div 5$ | $32 \div 4$ | $42 \div 6$ | $35 \div 5$ | $48 \div 6$ | $14 \div 2$ | $24 \div 3$ | $80 \div 10$ | $49 \div 7$ | $72 \div 9$ | $24 \div 3$ | $21 \div 3$ | 20 $\div 5$ | $28 \div 7$ | $36 \div 9$ | $32 \div 8$ |
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| $32 \div 8$ | $18 \div 6$ | $56 \div 8$ | $40 \div 5$ | $70 \div 10$ | $80 \div 10$ |  |  |  |  |  |  |  | $8 \div 1$ | $56 \div 7$ | $24 \div 3$ | $42 \div 6$ | $32 \div 8$ | $40 \div 10$ |
| $15 \div 5$ | $40 \div 10$ | $7 \div 1$ | $14 \div 2$ | $63 \div 9$ | $54 \div 9$ |  |  | $12 \div 2$ |  | $35 \div 7$ |  |  | $30 \div 6$ | $63 \div 9$ | $32 \div 4$ | $7 \div 1$ | $24 \div 6$ | $30 \div 10$ |
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| $8 \div 2$ | $24 \div 8$ | $8 \div 2$ | $12 \div 3$ | $63 \div 9$ | 48 $\div 8$ | $10 \div 2$ | $6 \div 1$ | $54 \div 9$ |  | $36 \div 6$ | $6 \div 1$ | $42 \div 7$ | $35 \div 7$ | $28 \div 4$ | $4 \div 1$ | $9 \div 3$ | $18 \div 6$ | $6 \div 2$ |
| $40 \div 10$ | $16 \div 4$ | $24 \div 6$ | $6 \div 2$ | $24 \div 3$ | $16 \div 2$ | $50 \div 10$ | $42 \div 7$ | $24 \div 3$ | $21 \div 3$ | $64 \div 8$ | $25 \div 5$ | $18 \div 3$ | $16 \div 2$ | $8 \div 1$ | $18 \div 6$ | $30 \div 10$ | $9 \div 3$ | $9 \div 3$ |
| $6 \div 3$ | $2 \div 1$ | $7 \div 7$ | 9 $\div 9$ | $2 \div 1$ | 9 $\div 9$ | $16 \div 8$ | $6 \div 3$ | $1 \div 1$ | $8 \div 4$ | $20 \div 10$ | $4 \div 4$ | 9 $\div 9$ | $3 \div 3$ | $7 \div 7$ | $18 \div 9$ | $18 \div 9$ | $1 \div 1$ | $1 \div 1$ |
| $4 \div 2$ | $14 \div 7$ | $8 \div 4$ | $16 \div 8$ | $10 \div 5$ | $8 \div 4$ | $16 \div 8$ | $14 \div 7$ | $18 \div 9$ | $4 \div 4$ | $4 \div 4$ | $1 \div 1$ | $3 \div 3$ | $6 \div 6$ | $3 \div 3$ | $10 \div 5$ | $6 \div 3$ | $2 \div 2$ | $10 \div 10$ |

## Key:

| 1,2 | Green |
| :--- | :--- |
| 3,4 | Blue |
| 5,6 | Orange |
| 7,8 | Black |

## ReADIIG LOG DIRECTIONS

Summer is approximately 12 weeks long. You should be reading every day and as much as possible. Your reading $\log$ is 6 pages in this packet. You are expected to fill out 1 page every 2 weeks. The questions you are being asked are thoughtful and higher level. Please think about your answers and write with as many details from your book as possible. All 6 pages of this log should be filled out by the first day of school.

You may use the novel Tristan Strong Punches a Hole in the Sky for your log, however, that book will not take 12 weeks to complete. You are expected to read additional books as well.


## EXPEDITIONARY

LEARNING

## PLOT/TOPIC TRACKER AND REVIEWER'S NOTES

Please complete one entry for each reading check-in. An entry is likely to be about multiple chapters of your book.
Questions for Reviewer's Notes (choose one question per entry to respond to)

- The most interesting/funniest/scariest scene was ... because ...
- A connection between this part of the book and what we are studying at school is ... which belps me understand that ...
- This part of the book reminds me of (other text, movie) because ... which belps me understand that ...
- A character I identify with/don't understand is ... because ...
- Something I learned about the world by reading tbis book is ... which seems important because ...

| Title and <br> pages this <br> entry <br> refers to | Plot/Topic Tracker <br> Briefy explain <br> - What bappened in the book (fiction) <br> What topic/ information is discussed (informational text) | Reviewer's Notes <br> Use one of the questions above |
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## PLOT/TOPIC TRACKER AND REVIEWER'S NOTES

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# tRISTAN STRONG PUncHes A HOLE In THe skY BY KW/Ame Mballa Novel STuDY 



The book selected for the summer is called, Tristan Strong Punches a Hole in the Sky. This is the perfect book to read after studying about mythology and reading Percy Jackson in ELA, and learning about ancient civilizations in Social Studies.

You will make many connections while reading this novel that I hope leave you with curiosity and questions. Please complete the activities as you read the book.

Please write and think at your highest level. At the end of the novel, you will complete three activities out of the Choice Board. . I think you will really enjoy this project and this book!

Please bring the Choice Board activities on the first day of school.

## Tristan Strong Punches a Hole in The Sky

By Kwame Mbalia
Directions: As you read the novel, answer the questions below. Make sure your answers are in complete sentences and supported with text evidence.

1. When Tristan Strong first talks about his name he states, "I hated that name. It made me appear to be something I'm not. My name should have been Tristan Coward, or Tristan Failure, or Tristan Fake. Maybe Tristan How-Could-You-Lose-YourFirst-Boxing Match." Based upon this statement, how does Tristan feel about himself? (Write a RACE paragraph) Support your response with text evidence.
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2. Using details from the story, explain why the journal appears to be special.
3. Describe the first interaction between Gum Baby and Tristan. What characteristics are evident about Gum Baby? Do you think Gum Baby is a friend or foe? Why? Use textual evidence in your response.
4. In Chapter 5, should Tristan trust the shadow he meets? Why or why not?
5. When Tristan first arrives in the new world, he asks a lot of questions, but his inquiries are quickly dismissed. Why isn't anyone willing to answer his questions? Support with evidence.
6. In Chapter 7, what does Tristan learn about the origins of Alke? Why is this important to understand? Provide details in your response
7. In Chapter 9, Brer Fox warns against speaking about the Maafa to prevent giving it strength (p.97). Tristan reflects about the following advice from his counselor: "We can't hide from our fears. We have to be able to talk about them, or else they'll fester like poison, eating us from the inside." Who do you think gave the better advice? Why?
8. How does Tristan respond when he meets John Henry for the first time in Chapter 11? Why?
9. What gift does John Henry give to Tristan? How might the gift help him during his journey? Explain with evidence.
10. In Chapter 20, Tristan admits, "I don't want to go because I'm afraid" (p. 185). How does this acknowledgment differ from his communications in previous chapters?
11. How does Tristan earn the nickname Bumbletongue at the beginning of the story? As the story progresses, does it seem like a fitting nickname? Why or why not?
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12. What is the definition of an adinkra? How does the author intertwine adinkras throughout the story? Which adinkras does Tristan collect? What is the meaning of each symbol? How does each symbol help Tristan during his journey?
13. In Chapter 28, how does Anansi's lair reflect his character traits?
14. During several parts of the story, Tristan states, "Strongs keep punching." What does this phrase mean?
15. Based upon Tristan's explanation, why is High John Eddie's favorite folk hero? How does High John both challenge and help Tristan?
16. Although Eddie is deceased, he is a very important character throughout the story. What key events occur that involve Eddie?
17. Reflect upon the events leading up to the conclusion of the story. How does Tristan Strong change from the beginning to the end of the story? (Write a RACE paragraph supporting your response with text evidence.

## Choice Menu: Tristan Strong... (3 activities)

Directions: After reading the novel, Tristan Strong Punches a Hole in the Sky, complete THREE (3) activities from the Choice Board below.

## Please turn in your three activities when you turn in the packet**

| 1 <br> Create an illustration of an important plot event in the book. | 2 <br> Write a biography for the author, Kwame Mbalia. Include early life, education, accomplishments, etc. in your biography. | 3 <br> Commonlit Article, "LAZY ANANSI." https://www.commonlit. org/en/texts/lazy-anansi |
| :---: | :---: | :---: |
| 4 <br> Create four character trading cards using the digital tool of your choice or notecards. Remember to include the character's name, an image, and at least five characteristics for each character. | 5 <br> Write a one-paragraph summary of the book. Remember a summary includes who, what, when, where, why, and how. | 6 If this novel had a soundtrack, what would it be? Create a YouTube playlist with at least 10 songs that would make a great soundtrack. Explain each of your choices and where they fit in the story. |
| 7 <br> Write a different ending for the book. Explain why you choose this ending instead of the original ending in the book. | 8 <br> Create a comic strip retelling the story in your own words. Be sure to include all of the important characters, exciting events, conflicts, and resolution. | Create a new book jacket for the novel. Use the digital tool of your choice or the artistic medium of your choice (draw, paint, etc.). Remember to include a summary about the author and an eye-catching cover image. |

Name: $\qquad$ Class: $\qquad$

## Lazy Anansi

By Ghanian Folktale

In this folktale from Ghana, a country in West Africa, a lazy spider named Anansi learns an important lesson. As you read, take notes on how Anansi interacts with his friends.
[1] There was a spider called Anansi. Anansi was too lazy to cook his own food. Instead, he used to visit his friends and eat the delicious ${ }^{1}$ food they had cooked.

One day, Anansi was passing Rabbit's house when he smelled green vegetables cooking. He was very excited. Rabbit said to Anansi, "They're not quite ready yet. You can help me to wash up while we wait." Anansi replied, "Sorry, I have things to do. I'll come back later."
"How will I call you when they're ready?" asked

"untitled" by Dev Leigh is licensed under CCO Rabbit. Anansi thought for a minute. "I'll spin a web," he said. "I'll tie one end around my leg and one end to your pot. When the greens are ready, pull on the web string. I'll come right away." So Anansi tied the web to the pot, and walked on.

Anansi saw Monkey and his wife, cooking beans in a large pot. "Come and join us! The beans are nearly ready." Monkey said. Anansi replied, "Sorry, I have things to do. Let me tie one end of this web around my leg and one end to your pot. When the beans are ready, pull on the web string, and I'll come."
[5] As Anansi walked by Warthog's house, he smelled sweet potatoes. Warthog told Anansi, "My pot is full of sweet potatoes and honey! Come and share my food with me. Take this fork and help me to stir it." Anansi replied, "I'll come back later. Let me tie one end of this web around my leg and one end to your pot. When the sweet potatoes are ready, pull on the web string, and I'll come."

By the time Anansi arrived at the river, each of his eight legs was tied to a pot of delicious food. Then, Anansi felt a pull on one of his legs. "Rabbit's food is ready!" Anansi thought, licking his lips.

He felt a second pull. And a third. And a fourth, fifth, sixth, seventh, eighth pull. Everyone was pulling on the web strings at the same time! "Stop! Stop!" he cried in pain, as his legs were stretched thinner and thinner. But no one could hear him.

Finally, the web strings could hold no longer. They snapped, one by one. Anansi rolled into the river to soothe his painful legs. But his legs would not return to their normal shape. Anansi was too embarrassed to go to any of his friends that day.

## Text-Dependent Questions

## Directions: For the following questions, choose the best answer or respond in complete sentences.

1. PART A: What is the main theme of the fable?
A. People who are lazy don't get to benefit from others' hard work.
B. Sometimes people take advantage of the kindness of their friends.
C. Sharing food with others is a good way to show that you care.
D. People are less likely to share with you if you don't help them in some way.
2. PART B: Which detail from the text best supports the answer to Part A?
A. "II'll tie one end around my leg and one end to your pot. When the greens are ready, pull on the web string. I'll come right away."' (Paragraph 3)
B. "By the time Anansi arrived at the river, each of his eight legs was tied to a pot of delicious food. Then, Anansi felt a pull on one of his legs." (Paragraph 6)
C. "And a fourth, fifth, sixth, seventh, eighth pull. Everyone was pulling on the web strings at the same time!" (Paragraph 7)
D. "But his legs would not return to their normal shape. Anansi was too embarrassed to go to any of his friends that day." (Paragraph 8)
3. Which is the best summary of the fable?
A. A spider's friends work together to punish their lazy friend who never helps them.
B. A spider's legs are stretched out when he's too lazy to help his friends prepare food.
C. A spider doesn't know how to cook for himself, but his friends are there to help him out.
D. A spider is embarrassed when all of his friends invite him to dinner at once.
4. How does paragraph 8 provide a conclusion for the fable?
A. It reveals that Anansi's friends never planned to let him eat their food without working.
B. It shows how Anansi suffers consequences for not helping his friends prepare their food.
C. It stresses how important it is for Anansi to learn how to make or catch his own food.
D. It shows how Anansi is to blame for why all spiders are ugly.
5. Why do Anansi's friends stretch his legs out?
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

## Discussion Questions

Directions: Brainstorm your answers to the following questions in the space provided. Be prepared to share your original ideas in a class discussion.

1. In the story, Anansi doesn't help his friends prepare food and ends up not getting to eat with them. Describe a time when you helped someone else and was rewarded for your actions.
2. In the story, Anansi doesn't want to help his friends cook. Why is it important to help others? What do you think Anansi learned after having his legs stretched out? Describe a time when you learned an important lesson.

## EnRIcHment paces

## science, SOcIAL STUDIES, WRITIMG



The following pages review various skills acquired during the school year in science and social studies class. Please bring these completed pages to your homeroom teacher on the first day of school

## Reading Pie Graphs

A local comic book store tracked fans' favorite superheroes by having them vote.
Answer the questions based on the pie graph below.

1) If there were 100 fans who voted, how many voted for Gamora?
2) Between Ironman and Storm which hero is more popular; or are they equally popular?
3) Were Ironman and Storm chosen more than Thor and Gamora; or are they equally popular?
4) What percent of fans voted for either Batman or Flash?

5) Combined, which two heroes had the $\qquad$ greatest number of votes?

Katie tracked the time she spent on homework per topic during one week.
Answer the questions based on the pie graph below.

1) Combined, which two topics required the greatest amount of time?
2) If Katie spent 300 minutes on homework, how many minutes were spent on English?
3) Between Math and Art which topic took longer; or did they require equal time?
4) What percentage of time did Katie spend on the Writing and Spanish homework?

5) Was the Math and Art work or the Physics and English work longer; or were they equally time consuming?

## Use the timeline to answer the questions.

The History of Video Games


1) Which happened earlier?
A. Nintendo released the gameboy
or
B. Nintendo released the NES $\qquad$
2) How many years after the PlayStation was released was the Tamagotchi released? $\qquad$
3) What year was the first video game created? $\qquad$

## Answers

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. Use Line
$\qquad$
5) What is the span (number of years shown) of this timeline? $\qquad$
6) What year was the Odyssey released? $\qquad$
7) What year did Nintendo release the NES? $\qquad$
8) Sony released the PlayStation 3 in 2006. Could you put this event on the timeline above? ( Yes / No )
9) What is this timeline about? $\qquad$
10) What event happened in 1994 ? $\qquad$
11) What ent

## Use the timeline to answer the questions.

## The History of Early Animation



1) Which happened earlier?
A. Disney's Studio is created
or
B. First animated film is released $\qquad$
2) How many years after Disney Brothers Cartoon studios was created did they release 'Steam Boat Willy'? $\qquad$
3) What year did Windsor McCay produce his cartoon? $\qquad$
4) What year was the first Technicolor feature film? $\qquad$
5) What is the span (number of years shown) of this timeline? $\qquad$
6) What year was 'El Apostol' created? $\qquad$
7) What year was 'Snow White and the Seven Drawfs' released? $\qquad$
8) The first Popeye cartoon was released in 1933. Could you put this event on the timeline above? ( Yes / No )
9) What is this timeline about? $\qquad$
10) What was the first Looney Tunes cartoon named? $\qquad$

## Answers

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. Use Line

## Determine which scientific tool best answers the question.

A. Thermometer
C. Scale
E. Microscope
B. Ruler
D. Telescope
F. Measuring Cup

1) Will only had enough money to buy 2 pounds of bananas at the grocery store. What tool should he use to make sure he gets exactly 2 pounds?
2) Oliver found a small black dot on his new sweater. What tool should he use to determine what the dot actually is?
3) Adam needed to mix exactly 2 tablespoons of food coloring with 2 quarts of water. What tool should he use to measure the amounts?
4) Maria, while performing an experiment, had to make sure her wires were between 1 and 2 inches. What tool did she use to determine the length?
5) Paige earned $\$ 1$ dollar for every 3 pounds of cans she recycled. What tool should she use to make sure she recycles at least 3 pounds?
6) Mike wanted to check the water temperature of a hot tub. What tool should he use to see the water temperature?
7) George was trying to view satellites from his backyard. What tool should he use to help find one?
8) Billy needed exactly 6 ounces of cheese. What tool should he use to measure exactly 6 ounces?
9) Paul used a tool to view the Andromeda Galaxy. What tool did he use to see the galaxy?
10) Dave wanted to check the height of his flashlight. What tool should he use?
11) A scientist wanted to view the microbes in a drop of water. What tool should he use?
12) Megan needed to add 500 ml of water to a mixture for an experiment. What tool did she use to measure out 500 ml of water?
13) John wants to compare the cells of an animal and a plant. What tool should he use?
14) Nancy was outside looking at the Crab Nebula. What tool was she using to view the nebula?
15) Tom learned old books needed to stay at around $70^{\circ} \mathrm{F}$. What tool should he use to make sure the books don't get too hot?
1. 
2. 
3. 
4. 
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$
13. $\qquad$
14. $\qquad$
15. $\qquad$

| 1-10 | 93 | 87 | 80 | 73 | 67 | 60 | 53 | 47 | 40 | 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11-15 | 27 | 20 | 13 | 7 | 0 |  |  |  |  |  |  |

The weather forecast tells us what the temperature and air conditions are likely to be outside in the near future. There is a wide variety of weather, from sunny to stormy and warm to cool. It can be rainy or cloudy or windy. Listening to or watching the weather forecast can help us be prepared so we know what to wear. If weather conditions will be severe, like snow, a storm or a hurricane, getting information ahead of time can help us prepare so we can stay safe.

A meteorologist is a person whose job it is to forecast the weather. There are many tools available now that help the meteorologist do his/her job. A common tool for getting an accurate measurement of the temperature is a thermometer. A high temperature probably means plenty of sunshine for everyone.

When the weather is rainy, a meteorologist can use a rain gauge to get numerical data about how much rain is falling outdoors. If you are lucky, you may be able to see a rainbow if the sun comes out while the last of the rain is still sprinkling from the sky.

Wind brings us weather because it blows clouds from one place to another. Therefore, it is helpful to know from which direction the wind is blowing. A wind vane can provide this information so meteorologists know what is coming. Weather forecasts are not always right, but they get more accurate all the time.


Picture of Hurricane Isabel in 2003 as seen from space. Images from space help forecast the weather.

## Write It

Explain how a meteorologist uses tools to forecast the weather. Include passages from the text to support your answer.

## Writing Enrichment

Directions: For the following prompt, please write in complete sentences. Make sure you are being as descriptive as possible when answering the question. Please proofread your work for proper capitalization, spelling, grammar, and punctuation.

If you could end any one problem in the world, what would it be? Why? What would you do to help?

## Writing Enrichment

Directions: For the following prompt, please write in complete sentences. Make sure you are being as descriptive as possible when answering the question. Please proofread your work for proper capitalization, spelling, grammar, and punctuation.

If you could live inside any video game, which would you choose? Why? OR
If you could be on any TV show which TV show would you want to be on?
Why?

## Writing Enrichment

Directions: Choose one of the sentence starters below to start writing a story. please write in complete sentences. Make sure you are being as descriptive as possible. Your story should have a beginning, a middle, and an end. Don't forget to have a setting and character. Please proofread your work for proper capitalization, spelling, grammar, and punctuation.

Use one of these to start your story.
a) Mud bubbled and spat.
b) "Table for thirteen, please."
c) Our call ended with a bang.
d) I loved flying.

## Global Trek - Traveling the World from your living room!

You will be learning about different places around the world and writing about it. For the following activity please go to the following website: http://teacher.scholastic.com/activities/globaltrek/

Directions: Once on the website:

1. Enter where you are departing from (ie: Chicago Heights, or Park Forest)
2. Choose a date to depart (leave)
3. Choose a date to arrive in the country you want to visit.
4. Choose where you would like to travel to from the drop down box. Press Go!

Click on the links in the "Suggested Itinerary". As you read, answer the question in the Yellow Box that says, "Write About it" in complete sentences.

Write About it response:

Write About it response:

Write About it response:

## Global Trek - Traveling the World from your living room - Part 2

Now choose another country you'd like to learn about by going to:
http://teacher.scholastic.com/activities/globaltrek/

Directions: Once on the website:

1. Enter where you are departing from (ie: Chicago Heights, or Park Forest)
2. Choose a date to depart (leave)
3. Choose a date to arrive in the country you want to visit.
4. Choose where you would like to travel to from the drop down box. Press Go!

Click on the links in the "Suggested Itinerary". As you read, answer the question in the Yellow Box that says, "Write About it" in complete sentences.

Write About it response:

Write About it response:

Write About it response:

## Academic Goal

## Action Steps

1. $\qquad$
2. 
3. 

## Challenges:

What problems might you encounter in reaching you goal?

## Strengths and Resources

What strengths do you have that will help you reach your goal or what do you need to help you reach your goal?

## Character Goal

Action Steps
1.
2.
3.

## Challenges:

What problems might you encounter in reaching you goal?

## Strengths and Resources

What strengths do you have that will help you reach your goal or what do you need to help you reach your goal?

