

Rising 6th Grade Students

READING AND MATH

Summer Reading Students Entering Middle School

All students entering grades 6, 7, and 8 will read two books. A reading list has been provided for each grade level. You are required to read two books: one from the Maryland Blackeyed Susan list and one from the ALSC list.

After reading the books, complete a book outline for each book.

All assignments are due at the beginning of the school year.

Project:

Book outline- Complete the following outline. Type up the complete assignment in Google Docs or Google Slides. Be prepared to turn it in the first week of school. Remember to spell and grammar check your work.

Include the following:

- a. The title and author of the book.
- b. The protagonist (the main character)
- c. The antagonist (the villain) The antagonist is usually a person, but it can be a thing the protagonist has to overcome, such as the wilderness or their own shyness, for example)
- d. What is the main conflict? Write at least a paragraph to explain.
- e. How is it resolved? Write at least a paragraph to explain.
- f. What is the theme of the book? (Remember: the theme is not the same as the plot. It is the central message or lesson learned that can be applied to everyone) Write a paragraph and cite evidence from the book to support your answer.
- g. Did you enjoy reading this book? Why or why not? Was there a part of the book that you found especially interesting or enjoyable?

Books at Middle School Reading Level:

Black Eyed Susan Book winners: Grades 4-6 (only)

City Spies - James Ponti

Notorious- Gordon Korman

History Smashers: The Mayflower - Kate Messner

Prairie Lotus - Linda Sue Park

Isaiah Dunn is my Hero - Kelly J. Baptist

Twins Varian Johnson

Grades 6-9 Wink - Rob Harrell

The 47 People You'll Meet in Middle School - Kristin Mahoney

The Brave - James Bird

Fallout - Steve Sheinkin

Glitch - Laura Martin

Magic Fish Trung Le Nguyen

Association for Library Service to Children (ALSC) books

Beyond the Bright Sea - Lauren Wolk

Sheets - Brenna Thummler

Like Vanessa - Tammi Charles

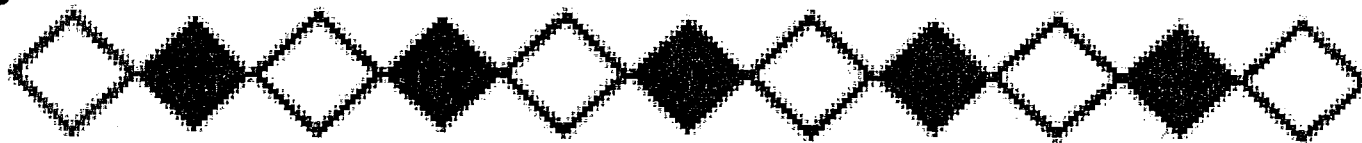
Blackbird Fly - Erin Entrada Kelly

Twerp - Mark Goldblatt

Rebound - Kwame Alexander

Summer Lost - Ally Condie

5 to 6



NAME: _____

Summer
Math
Packet

for incoming
6th Grade Students



Multiplying Whole Numbers

Find each product.

| | | |
|---|---|---|
| 1. $\begin{array}{r} 57 \\ \times 18 \\ \hline \end{array}$ | 2. 23×49 | 3. $\begin{array}{r} 165 \\ \times 30 \\ \hline \end{array}$ |
| 4. 26×48 | 5. $\begin{array}{r} 984 \\ \times 52 \\ \hline \end{array}$ | 6. $\begin{array}{r} 11 \\ \times 21 \\ \hline \end{array}$ |
| 7. $\begin{array}{r} 654 \\ \times 12 \\ \hline \end{array}$ | 8. 47×35 | 9. 401×56 |
| 10. 94×61 | 11. $\begin{array}{r} 142 \\ \times 35 \\ \hline \end{array}$ | 12. 741×70 |
| 13. 26×88 | 14. $\begin{array}{r} 527 \\ \times 23 \\ \hline \end{array}$ | 15. $\begin{array}{r} 16 \\ \times 94 \\ \hline \end{array}$ |
| 16. $\begin{array}{r} 371 \\ \times 18 \\ \hline \end{array}$ | 17. 63×48 | 18. $\begin{array}{r} 449 \\ \times 57 \\ \hline \end{array}$ |

Dividing Whole Numbers

Find each quotient.

| | | |
|-------------------------|---------------------------|-------------------------|
| 1. $48 \div 4$ | 2. $6 \overline{)82}$ | 3. $784 \div 3$ |
| 4. $5 \overline{)725}$ | 5. $114 \div 3$ | 6. $8 \overline{)792}$ |
| 7. $851 \div 8$ | 8. $7 \overline{)492}$ | 9. $5,976 \div 9$ |
| 10. $9,207 \div 3$ | 11. $6 \overline{)876}$ | 12. $3,065 \div 5$ |
| 13. $8 \overline{)539}$ | 14. $2,142 \div 6$ | 15. $4 \overline{)760}$ |
| 16. $3,612 \div 3$ | 17. $7 \overline{)8,643}$ | 18. $5,281 \div 9$ |

Decimals and Place Value

Write the number named by each underlined digit.

| | | |
|----------------------|---------------------|----------------------|
| 1. 0.54 <u>3</u> 3 | 2. 493.0 <u>0</u> 9 | 3. 93. <u>3</u> 223 |
| 4. 0.4 <u>3</u> 2 | 5. 9.000 <u>3</u> 4 | 6. 28. <u>9</u> 920 |
| 7. 2.2 <u>3</u> 34 | 8. 13.2 <u>3</u> 32 | 9. 9.38 <u>3</u> 2 |
| 10. 110.9 <u>8</u> 7 | 11. 4.91 <u>2</u> 3 | 12. 90. <u>0</u> 02 |
| 13. 7.094 <u>1</u> | 14. 9.9 <u>9</u> 99 | 15. 0. <u>8</u> 65 |
| 16. 7.42 <u>1</u> | 17. 41. <u>9</u> 05 | 18. 73.0 <u>9</u> 12 |
| 19. 7,490. <u>1</u> | 20. 5.5 <u>5</u> 3 | 21. 0.000 <u>2</u> 3 |

Comparing and Ordering Decimals

Replace each \odot with $<$, $>$, or $=$ to make a true statement.

| | | |
|---|--|-----------------------------|
| 1. $0.09 \odot 0.009$ | 2. $0.143 \odot 1.43$ | 3. $0.563 \odot 9$ |
| 4. $0.00002 \odot 0.0000001$ | 5. $0.956 \odot 0.957$ | 6. three tenths $\odot 0.3$ |
| 7. forty-five hundredths $\odot 0.2$ | 8. $0.8 \odot$ eight ten- thousandths | 9. $0.78 \odot 0.5$ |

Order the given numbers from greatest to least.

| | |
|--|--------------------------------------|
| 10. 0.09, 0.008, 0.7654, 0.1 | 11. 1.786, 89.09, 3.88, 0.875, 0.342 |
| 12. 0.000007, 0.007, 0.07, 0.7, 0.0071 | 13. 0.873, 0.0009876, 0.321, 0.965 |

Rounding Decimals

Round each number to the nearest tenth.

| | | |
|---------------|--------------|---------------|
| 1. 56.321 | 2. 9.32145 | 3. 18,973.354 |
| 4. 4,978.6887 | 5. 7,893.214 | 6. 5.264 |

Round each number to the nearest hundredth.

| | | |
|--------------|--------------------|------------|
| 7. 578.3589 | 8. 789,125.6987896 | 9. 97.954 |
| 10. 789.1798 | 11. 12.47874 | 12. 1.4532 |

Round each number to the nearest thousandth.

| | | |
|---------------|----------------|---------------|
| 13. 7.38795 | 14. 2.87965421 | 15. 179.54789 |
| 16. 5.1473569 | 17. 7.89785 | 18. 7.21432 |

7

Adding Decimals

Find each sum.

| | | |
|--|---|--|
| 1. $\begin{array}{r} 6.5 \\ + 8.2 \\ \hline \end{array}$ | 2. $\begin{array}{r} 9.25 \\ + 6.37 \\ \hline \end{array}$ | 3. $\begin{array}{r} 2.87 \\ + 5.64 \\ \hline \end{array}$ |
| 4. $\begin{array}{r} 0.75 \\ + 0.66 \\ \hline \end{array}$ | 5. $5.64 + 2.81 + 7.03$ | 6. $5.6 + 7.4$ |
| 7. $\begin{array}{r} 3.8 \\ + 1.2 \\ \hline \end{array}$ | 8. $\begin{array}{r} 9.6 \\ + 3.7 \\ \hline \end{array}$ | 9. $\begin{array}{r} 8.541 \\ + 1.968 \\ \hline \end{array}$ |
| 10. $7.85 + 2.73$ | 11. $\begin{array}{r} 6.888 \\ + 2.123 \\ \hline \end{array}$ | 12. $0.75 + 0.57$ |

Solve.

| | |
|---|---|
| 13. At the toy store, Aislyn selected a doll for \$7.85 and her sister Bryn picked a puzzle for \$5.99. What was the total bill for the two toys? | 14. A dresser measures 33.25 inches wide and a desk measures 47.5 inches wide. What will be the total width of the two pieces of furniture if they are placed together on one wall of a room? |
|---|---|

Subtracting Decimals

Find each difference.

| | | |
|---|---|---|
| 1. $\begin{array}{r} 8.75 \\ - 5.43 \\ \hline \end{array}$ | 2. $\begin{array}{r} 6.54 \\ - 2.75 \\ \hline \end{array}$ | 3. $\begin{array}{r} 53.44 \\ - 41.65 \\ \hline \end{array}$ |
| 4. $\begin{array}{r} 644.32 \\ - 599.01 \\ \hline \end{array}$ | 4. $\begin{array}{r} 8.4 \\ - 7.3 \\ \hline \end{array}$ | 6. $\begin{array}{r} 7.9577 \\ - 4.5589 \\ \hline \end{array}$ |
| 7. $851.9 - 433.6$ | 8. $\$95.98 - \64.55 | 9. $\begin{array}{r} 18.75 \\ - 12.46 \\ \hline \end{array}$ |
| 10. $\begin{array}{r} 546.66 \\ - 299.99 \\ \hline \end{array}$ | 11. $\begin{array}{r} 763.4 \\ - 759.1 \\ \hline \end{array}$ | 12. $\begin{array}{r} 824.18 \\ - 724.55 \\ \hline \end{array}$ |
| 13. $\begin{array}{r} 674.90 \\ - 517.95 \\ \hline \end{array}$ | 14. $\begin{array}{r} 1,011.12 \\ - 1,000.99 \\ \hline \end{array}$ | 15. $\begin{array}{r} 74,887.25 \\ - 38,252.76 \\ \hline \end{array}$ |
| 16. $\begin{array}{r} 78.63 \\ - 10.09 \\ \hline \end{array}$ | 17. $767.88 - 688.99$ | 18. $987.55 - 903.69$ |

Adding Fractions with Like Denominators

Add. Write each sum in simplest form.

| | | |
|--|--|---|
| 1. $\frac{1}{5} + \frac{2}{5}$ | 2. $\frac{2}{7} + \frac{4}{7}$ | 3. $\frac{1}{11} + \frac{2}{11}$ |
| 4. $\frac{3}{8} + \frac{5}{8}$ | 5. $\frac{2}{13} + \frac{4}{13}$ | 6. $\frac{1}{9} + \frac{5}{9}$ |
| 7. $\frac{1}{2}$ $+ \frac{1}{2}$ <hr/> | 8. $\frac{3}{14}$ $+ \frac{5}{14}$ <hr/> | 9. $\frac{8}{15} + \frac{2}{15}$ |
| 10. $\frac{1}{16} + \frac{3}{16}$ | 11. $\frac{7}{20} + \frac{3}{20}$ | 12. $\frac{1}{10}$ $+ \frac{3}{10}$ <hr/> |
| 13. $\frac{10}{17} + \frac{6}{17}$ | 14. $\frac{1}{8}$ $+ \frac{3}{8}$ <hr/> | 15. $\frac{1}{4} + \frac{1}{4}$ |

Subtracting Fractions with Like Denominators

Subtract. Write each difference in simplest form.

| | | |
|-------------------------------------|--|---|
| 1. $\frac{4}{5} - \frac{3}{5}$ | 2. $\frac{5}{7} - \frac{2}{7}$ | 3. $\frac{7}{12} - \frac{5}{12}$ |
| 4. $\frac{16}{17} - \frac{3}{17}$ | 5. $\frac{11}{21} - \frac{5}{21}$ | 6. $\frac{9}{14} - \frac{7}{14}$ |
| 7. $\frac{17}{20} - \frac{5}{20}$ | 8. $\begin{array}{r} \frac{4}{11} \\ - \frac{2}{11} \\ \hline \end{array}$ | 9. $\begin{array}{r} \frac{3}{4} \\ - \frac{1}{4} \\ \hline \end{array}$ |
| 10. $\frac{13}{15} - \frac{2}{15}$ | 11. $\frac{25}{27} - \frac{5}{27}$ | 12. $\begin{array}{r} \frac{7}{8} \\ - \frac{3}{8} \\ \hline \end{array}$ |
| 13. $\frac{35}{48} - \frac{13}{48}$ | 14. $\begin{array}{r} \frac{3}{5} \\ - \frac{2}{5} \\ \hline \end{array}$ | 15. $\frac{13}{18} - \frac{5}{18}$ |

Adding and Subtracting Fractions with Like Denominators

Add or subtract. Write the sum or difference in simplest form.

| | | |
|---|---|--|
| 1. $\frac{3}{13} + \frac{7}{13}$ | 2. $\frac{11}{32} + \frac{5}{32}$ | 3. $\frac{9}{11} - \frac{7}{11}$ |
| 4. $\begin{array}{r} \frac{3}{5} \\ + \frac{1}{5} \\ \hline \end{array}$ | 5. $\begin{array}{r} \frac{1}{8} \\ \frac{2}{8} \\ + \frac{3}{8} \\ \hline \end{array}$ | 6. $\frac{9}{10} - \frac{1}{10}$ |
| 7. $\frac{64}{75} - \frac{11}{75}$ | 8. $\frac{3}{8} + \frac{1}{8}$ | 9. $\begin{array}{r} \frac{6}{7} \\ - \frac{3}{7} \\ \hline \end{array}$ |
| 10. $\frac{9}{11} - \frac{2}{11}$ | 11. $\frac{13}{15} - \frac{7}{15}$ | 12. $\frac{1}{5} + \frac{3}{5}$ |
| 13. $\begin{array}{r} \frac{2}{3} \\ - \frac{1}{3} \\ \hline \end{array}$ | 14. $\begin{array}{r} \frac{5}{12} \\ + \frac{1}{12} \\ \hline \end{array}$ | 15. $\frac{13}{14} - \frac{5}{14}$ |