

Directions: For numbers 23 through 32, add or subtract the fractions and mixed numbers. Make sure your answers are in simplest form.

12. $\frac{3}{8} - \frac{1}{3} =$ _____

13. $\frac{2}{7} + \frac{3}{4} =$ _____

14. $\frac{1}{12} + \frac{5}{9} =$ _____

15. $8\frac{3}{9} - 6\frac{1}{5} =$ _____

16. $2\frac{9}{10} - 1\frac{3}{5} =$ _____

17. $\frac{5}{6} - \frac{1}{6} =$ _____

18. $5\frac{5}{8} + 1\frac{1}{4} =$ _____

19. $\frac{2}{3} - \frac{1}{2} =$ _____

20. $\frac{1}{8} + \frac{1}{2} =$ _____

21. $5\frac{5}{7} + \frac{1}{7} =$ _____

22. Peter mixed $4\frac{1}{5}$ pounds of cashews with $3\frac{7}{10}$ pounds of pecans. How many pounds was Peter's mixture?

A. $8\frac{1}{10}$

B. $7\frac{9}{10}$

C. $7\frac{7}{10}$

D. $\frac{9}{10}$

23. Add: $9\frac{1}{3} + 2\frac{1}{4}$

A. $12\frac{5}{12}$

B. $11\frac{2}{7}$

C. $11\frac{2}{12}$

D. $11\frac{7}{12}$

24. Simplify the expression below.

$$(5 + 4^2) \times 4$$

A. 84

B. 52

C. 72

D. 324

25. Emily is solving this problem.

$$3 + 6 \cdot 4 - 2(8 - 5) \div 2$$

What is the first step Emily needs to do to solve this problem?

A. $8 - 5$

B. $3 + 6$

C. $6 \cdot 4$

D. $4 - 2$

26. Which statement is correct?

- A. $3 \times 2 + 4 \div 6 = 3$ B. $3 \times (2 + 4) \div 6 = 3$
C. $(3 \times 2) + 4 \div 6 = 3$ D. $3 \times 2 + (4 \div 6) = 3$

27. Simplify $20 - 5 + (13 - 3)$

- A. 5 B. 25
C. 15 D. 20

28. Which of these shows the zero property of multiplication?

- A. $6 \cdot 1 = 6$ B. $16 \cdot 0 = 0$

- C. $\frac{2}{5} \cdot \frac{5}{2} = 1$ D. $0 + 7 = 7$

29. Which one of these is NOT true?

- A. $62.4 + 0 = 62.4$
B. $1 \times 807 = 807$
C. $0 \times 4 = 4$
D. $0 + 7.54 = 7.54 + 0$

30. Evaluate the following expression if $a = 3$. $\frac{3a+7}{4}$

- A. 10 B. 4
C. 5 D. 6

31. Freddy mixed $1\frac{6}{16}$ gallons of white paint with $2\frac{1}{8}$ gallons of blue paint to paint the walls of a home office. How much paint does Freddy have in all?

- A. $3\frac{6}{14}$ gal. B. $3\frac{1}{2}$ gal. C. $\frac{23}{24}$ gal D. $3\frac{23}{24}$ gal.

33. Jocey spent $4\frac{1}{2}$ hours on her homework. Jason spent $2\frac{1}{4}$ hours on his homework. How much longer did Jocey spend on her homework than Jason?

A. $2\frac{1}{4}$ hours

B. $6\frac{3}{4}$ hours

C. $2\frac{1}{2}$ hours

D. $6\frac{1}{3}$ hours

34. Multiply: $9 \times \frac{1}{4}$

A. $\frac{9}{36}$

B. $\frac{9}{4}$

C. $\frac{9}{8}$

D. $\frac{1}{36}$

35. What is $\frac{5}{6} \times \frac{4}{5}$?

A. $\frac{24}{25}$

B. $\frac{2}{3}$

C. $\frac{9}{11}$

D. $\frac{1}{3}$

36. Kayla has $7\frac{1}{2}$ pounds of potatoes. She needs $3\frac{1}{2}$ times that many. How many pounds of potatoes does she need?

A. $24\frac{1}{2}$ lb

B. $26\frac{1}{4}$ lb

C. $25\frac{1}{4}$ lb

D. $26\frac{1}{2}$ lb

37. Which of the following is true?

A. $6 \times \frac{1}{6} = 6$

B. $\frac{2}{5} \times \frac{5}{2} = 10$

C. $\frac{2}{7} \times \frac{7}{2} = 1$

D. $\frac{3}{4} \times 3 = \frac{1}{4}$

Directions: Solve each problem using the rules for working with integers.

1. $1 + -5 =$ _____

2. $-3 - 2 =$ _____

3. $-7 + 8 =$ _____

4. $4 - -6 =$ _____

5. $-9 + 5 =$ _____

6. $4 + -6 =$ _____

7. $6 - -9 =$ _____

8. $-2 - 6 =$ _____

9. $4 + -7 =$ _____

10. $-5 - -3 =$ _____

11. $-8 \cdot -5 =$ _____

12. $12 \cdot -3 =$ _____

13. $-9 \cdot 8 =$ _____

14. $-3 \cdot -15 =$ _____

15. $14 \cdot -5 =$ _____

Directions: Answer the following word problems using your knowledge of ratios.

1. The money used in the eastern Caribbean islands is called the Eastern Caribbean Dollar. The exchange rate is 3 Eastern Caribbean Dollars = \$1. Find how many Eastern Caribbean Dollars you would receive if you exchanged \$5.

2. One container of dried cherries costs \$7. How many containers of dried cherries can you buy for \$14?

3. The currency in South Africa is the Rand. The exchange rate is approximately \$1 for every 7 Rand. At this rate, how many dollars would you get if you exchanged 14 Rand?

4. A rectangle is 4 in wide and 3 in tall. If it is enlarged to a width of 16 in, then how tall will it be?

5. Alberto was planning a trip to China. Before going, he did some research and learned that the exchange rate is \$1 to 8 Yuan. How many Yuan would he get if he exchanged \$3?

STOP: Did you show all your work??

Name:

English Language Arts Summer Reading Homework

Hello, Rising 8th Grade Scholar! Your summer homework for ELA is to read **The Outsiders**, by S.E. Hinton and answer the chapter questions in this packet! On the first day of school, you will take the Accelerated Reader quiz on the book!

What is Accelerated Reader?

- Accelerated Reader (AR) is a website where you take quizzes on the books that you read!
- As you take and pass AR quizzes, you “earn” the number of words that there are in that book!
- As you read and take quizzes, you will earn incentives like bookmarks, water bottles, t-shirts, and more, and be able to participate in some really cool monthly events like sending valentines to your friends, throwing water balloons at your teachers and more!
- On the first day of school, you will take (and pass :) the Accelerated Reader quiz on **The Outsiders** and kick off your word count with 48, 523!
- In addition to earning the words, there will be a *surprise* for all students who pass the AR quiz with a 100%

Summary of The Outsiders:

- The Outsiders, by S.E. Hinton is a novel where you will meet two different enemy friend groups.

You are expected to treat your book with respect:

Ways to Respect a Book	Ways to Disrespect a Book
<ul style="list-style-type: none">• Taking annotations on post-it notes or in a notebook• Being gentle as you read it• Returning it to Rowe!	<ul style="list-style-type: none">• Writing in it• Bending or tearing pages or the cover• Bending the book so the covers touch• Losing it!

You are responsible for taking good care of your book and returning it to your ELA teacher during the first week of school!

- If you do not return your book, your family will be responsible for paying \$5 to replace it!
- If you do return your book, you will receive a *surprise*

Helpful reading resources:

Audio Book	https://misslewisreading.weebly.com/the-outsiders-audio-chapters.html
Online Copy of Book	http://nisbah.com/summer_reading/the-outsiders_se_hinton.pdf
Related Articles	https://www.commonlit.org/book-pairings/the-outsiders https://newsela.com/text-sets/271705 https://newsela.com/text-sets/8666/books--outsiders-hinton
Other Similar Books	Lord of the Flies by William Golding Speak by Laurie Halse Anderson A Wrinkle in Time by Madeleine L'Engle
Websites to Buy a Copy	www.discoverbooks.com www.thriftbooks.com www.amazon.com

During Reading Questions (answer the following in complete sentences)

Chapter 1

1. Describe the characteristics that made Ponyboy unique among his friends

2. Why did the greasers resent the Socs?

Chapter 2

3. What caused Dally to stare at Johnny in disbelief? Why was Dally's response unusual for him?

4. What argument did Cherry use to defend the Socs?

Chapter 3

5. Which of Cherry's statements came as a big surprise to Ponyboy and caused his mouth to drop? In your opinion, why are Ponyboy surprised?

6. Explain how Darry acted as a parent when Ponyboy arrived home late. Judge Ponyboy's reaction. What would you have done in this situation if you were Darry?

Chapter 4

7. Do you think that Johnny was justified in killing Bob? Give your reasons why.

8.

Explain why the boys turned to Dally for help. In what ways did Dally aid them?

Chapter 5

9. Ponyboy resisted having his hair cut. Why do you think the greasers place such high value on their hair?

10. Explain the significance of Robert Frost's poem.

Chapter 6

11. Describe how Johnny and Ponyboy acted heroically. Why didn't they take Dally's advice?

12. Why did Dally suddenly enter the burning building? Why did he hit Ponyboy? How do we know this if Ponyboy, the narrator, was unconscious?

Chapter 7

13. What bad news did Ponyboy and his brothers learn about Johnny's condition?

14. Why did Randy decide not to participate in the rumble?

Chapter 8

15. Do you agree with Johnny's decision not to see his mother? Why or why not?

16. What qualities did Cherry admire in both Bob and Dally?

Chapter 9

17. Who won the rumble? How was the winner determined?

18. Just before he died, Johnny said, "Stay gold, Ponyboy. Stay gold..." What did he mean?

Chapter 10

19. Why did Dally want to be dead?

20. Why did Ponyboy want to know if he had asked for Darry while he was sick?

Chapter 11

21. Why did Ponyboy try to assume responsibility for the stabbing death of Bob?

22. What was significant about Darry calling Ponyboy "little buddy"?

Chapter 12

23. Why did Soda bolt from the room when Ponyboy and Darry were arguing?

24. How did Johnny's letter affect Ponyboy's choice of a theme for his English paper?



Name _____

Social Studies Summer Homework Assignment

IMPORTANT: Note that you must complete your ELA summer assignment and read *The Outsiders* before you complete your social studies assignment!

Subject: 8th Grade Social Studies

Welcome to 8th grade social studies! We're going to have a great year learning about our government and its history! :)

Now that you've read the Outsiders, consider who is in control in this book. Who has power over others and who seems to be under the control or power of others? Respond to the above questions in four paragraphs. Your essay should:

- Be at least 4 paragraphs long (each paragraph 5 sentences)
- Ideas and questions to consider for each paragraph:
 - 1st paragraph: Introduction (introduce and explain your main point and your essay)
 - 2nd paragraph: Who has control or power over other people in this book? How do they show this? What do they do with this power? Were they born into this power or did they achieve it somehow?
 - 3rd paragraph: Who is controlled or influenced by other people? How does this affect their life? How do they respond to this control or power over them?
 - 5th paragraph: Conclusion (wrap up your essay, and recap the main points)
- Compare and contrast the use of media by the governments of 1984, the Hunger Games, and China
- Reference specific details of *The Outsiders*.

Keep in mind that this is will be the first assessment grade of trimester 1!