

1/11

## **Supply List for 7<sup>th</sup> and 8<sup>th</sup> Grade Math**

### **Mrs. Fisher-Tarter**

- **Pencils**
- **Highlighters**
- **2 Composition notebooks with graph paper**
- **Folder**

#### **Optional but Strongly Recommended**

- **Calculator**
- **Ruler**
- **Crayons/markers/colored pencils**
- **Ruler**
- **Pencil sharpener**
- **1 pair of age-appropriate scissors**
- **1 or 2 boxes of tissues to donate to class**
- **Graph papers**
- **Dry erase markers**

Welcome to Language Arts class!

The following is a list of supplies you will need for Language Arts Grades 6, 7, and 8.

- 1) 4 3-subject notebooks (1 for each marking period)
- 2) Loose leaf paper
- 3) 2 folders
- 4) Blue or black pens; red pen (for correcting)
- 5) Pencils (erasers and sharpeners if needed)
- 6) Highlighter (any color)
- 7) Art supplies - Crayons or colored pencils, markers to use for projects in class and at home. (Regular markers are fine. Sharpies are not needed.) Will not be needed immediately, but please make sure to have them when needed throughout the year.
- 8) 1 dry-erase marker (any color)
- 9) 1 box of tissues
- 10) 1 package of Chlorox Wipes

All supplies should be purchased and brought to school no later than Monday, 9/10/18. If you have any questions or concerns, please don't hesitate to contact us by phone or by e-mail ([lzientek@drlenaedwardscharterschool.org](mailto:lzientek@drlenaedwardscharterschool.org)) or ([sscamardella@drlenaedwardscharterschool.org](mailto:sscamardella@drlenaedwardscharterschool.org))

Thank you.

Ms. Zientek and Mrs. Scamardella

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Most of the incoming 7th graders have a paperback copy of I Am Malala for Young Readers by Malala Yousafzai. If you are posting the assignment online, please include the following link to the free PDF of the novel. This way, students who cannot find or purchase the novel can still read it. Please make sure that the students know that it is the Young Readers Edition, not the adult version of the novel, which will not match the questions given in the packet.

[http://lgnavigators.weebly.com/uploads/5/8/5/2/58521739/i am malala -  
how one girl stood up for education and changed the world young read  
ers edition .pdf](http://lgnavigators.weebly.com/uploads/5/8/5/2/58521739/i_am_malala_-_how_one_girl_stood_up_for_education_and_changed_the_world_young_readers_edition.pdf)

## ***I Am Malala: Young Readers' Edition***

### **Directions:**

- 1) Please answer each question in full sentences. (Restate the question.)
- 2) Please make sure to write the chapter numbers and number your answers.
- 3) Many questions have multiple parts. Please make sure to read each question carefully and answer it completely.

### **The Prologue**

- 1) After being shot, Malala was removed from her life in Pakistan. Where does she live now? List 3 ways her new country different from her old one.
- 2) How old was Malala when she was shot? When/where did it happen? Who was with Malala when it happened?

### **PART 1: BEFORE THE TALIBAN**

#### **CHAPTER 1: AS FREE AS A BIRD**

- 1) What did Malala's father do for a living? How did this impact Malala?

#### **CHAPTER 2: DREAMS**

- 1) Name 4 ways life in the village was different from how Malala lived, especially for women. (For example: What kinds of things do people not have access to?)
- 2) Give 2 specific examples of how the treatment of women in Afghanistan was different from the women of Pakistan.

#### **CHAPTER 3: A MAGIC PENCIL**

- 1) Why did Malala's family share what they had with others who were less fortunate? Give 1 example of how they helped others.

#### **CHAPTER 4: A WARNING FROM GOD**

- 1) Where did earthquake relief come from? How did they influence many of the 11,000 children who were orphaned by the earthquake?
- 2) What message did the mullahs preach after the earthquake?

#### **CHAPTER 5: THE FIRST DIRECT THREAT**

- 1) What was the message of the mufti when he came to talk to Malala's father?

### **PART 2: A SHADOW OVER OUR VALLEY**

#### **CHAPTER 6: RADIO MULLAH**

- 1) What did the Radio Mullah suggest that women and men should do and not do? What will happen if they don't take this advice?
- 2) Why didn't Malala's father like the Radio Mullah?
- 3) At the end of the chapter, how did Fazlullah's teachings have a possible impact on Malala's education?

#### **CHAPTER 7: THE TALIBAN IN SWAT**

- 1) What happened in July 2007 that caused Malala to write "everything changed"?

2) How did the Taliban threaten Malala's father? Why?

#### CHAPTER 8: NO ONE IS SAFE

- 1) Who was Benazir Bhutto? What kept her from being able to make a greater impact in Pakistan?
- 2) What did Bhutto's assassination motivate Malala to do?

#### CHAPTER 9: CANDY FROM THE SKY

- 1) Why did Malala and the people in her community have a curfew?
- 2) What happened to the Taliban by the end of the chapter?

#### CHAPTER 10: 2008: WHAT TERRORISM FEELS LIKE

- 1) What did Fazlullah do to further cut people off from the outside world?
- 2) Name 3 ways the Taliban's terrorism impacts Malala and her community.

### **PART 3: FINDING MY VOICE**

#### CHAPTER 11: A CHANCE TO SPEAK

- 1) How did Malala and her friends respond to the Taliban? What was their message?
- 2) At the end of the chapter, what does Malala mean when she writes that she didn't stay silent in 2008?

#### CHAPTER 12: A SCHOOLGIRL'S DIARY

- 1) What secret activity was Malala doing? Why did she use the name Gul Makai? Who found out her secret first? How was her real identity revealed?

#### CHAPTER 13: CLASS DISMISSED

- 1) How did Malala and her classmates spend their last day of school? How did Malala feel about it? Why?

#### CHAPTER 14: THE SECRET SCHOOL

- 1) Why did Malala have to attend school in secret? What would be the penalty if they were found?

#### CHAPTER 15: PEACE?

- 1) According to the peace treaty, what happened to schools for the older girls? What rule did the girls have to follow?
- 2) Why did Malala's mother decide their family should leave Mingora?

#### CHAPTER 16: DISPLACED

- 1) At the meeting with Ambassador Holbrooke, what did Malala ask for? How did the ambassador respond? What does that say about girls' education in Pakistan?

#### CHAPTER 17: HOME

- 1) When Malala and her family returned to Mingora, what did they discover about the conditions of their home and the school?

#### CHAPTER 18: A HUMBLE REQUEST AND A STRANGE PEACE

- 1) Name 3 things the District Child Assembly Swat asked the government for. How did the government respond?

#### CHAPTER 19: GOOD NEWS AT LAST

- 1) List and describe 3 honors/awards that Malala received. How did she react to being honored?

## **PART 4: TARGETED**

### **CHAPTER 20: A DEATH THREAT AGAINST ME**

1) What did Malala find when she searched her name in Google? How did she react and why? How did her father react and why?

### **CHAPTER 21: THE PROMISE OF SPRING**

1) What did Malala's mother begin doing in the spring? How did Malala react? Why?

### **CHAPTER 22: OMENS**

1) Name 3 negative things that happened that made Malala believe something bad was about to happen.

### **CHAPTER 23: A DAY LIKE ANY OTHER**

1) At the end of the chapter, how did Malala's ordinary day on October 9<sup>th</sup> change?

## **PART 5: A NEW LIFE, FAR FROM HOME**

### **CHAPTER 24: A PLACE CALLED BIRMINGHAM**

1) Why is Malala in Birmingham? Why isn't her father with her? How does Malala react to being separated from her father? Why?

### **CHAPTER 25: PROBLEMS, SOLUTIONS**

- 1) Name 3 things that are wrong with Malala. Name the 2 things she is most worried about.
- 2) What good news does Malala receive during the call with her father?

### **CHAPTER 26: A HUNDRED QUESTIONS**

1) According to Dr. Fiona, what happened to Malala on the bus on the way home from school? How did Malala react when she heard the news? How did she react when she first saw herself?

### **CHAPTER 27: PASSING THE HOURS**

- 1) According to Dr. Fiona, how badly was Malala injured? What complications happened?
- 2) Name 3 things that helped Malala to survive her injuries.

### **CHAPTER 28: WE ARE ALL HERE NOW**

1) How did Malala react when she saw her family? How did her parents react? Explain what her father and her mother were most concerned about.

### **CHAPTER 29: FILLING IN THE BLANKS**

- 1) Were the people who shot Malala punished? Why or why not? How did her father react to the news? Why?
- 2) Give 2 reasons why the Taliban ordered someone to shoot Malala. How did shooting Malala have the opposite impact from what the Taliban wanted?

### **CHAPTER 30: MESSAGES FROM AROUND THE WORLD**

1) Give 3 examples of how people around the world supported Malala during her recovery.

### **CHAPTER 31: A BITTERSWEET DAY**

1) During a meeting with Asif Ali Zardari, the president of Pakistan, what 2 pieces of good news did the family receive? After the meeting, what did Malala realize that made the meeting bittersweet?

## CHAPTER 32: MIRACLES

- 1) Name 3 negative reactions people in Pakistan had to Malala's situation.
- 2) How did Malala feel about living in Birmingham? Why? How did she feel about being away from home? Why?

## CHAPTER 33: THIS NEW PLACE

- 1) Why does Malala feel she is not free to be herself in her new school?
- 2) What does Malala miss about her old life and her former school? Why does she miss those things?

## CHAPTER 34: THE ONE THING WE ALL KNOW

- 1) Why can't Malala and her family return home to Pakistan?
- 2) List 2 ways Malala's father's life has changed since he moved to Birmingham.

## CHAPTER 35: ANNIVERSARY

- 1) Give 3 examples of how Malala is continuing to make a difference for others.

## EPILOGUE: ONE GIRL AMONG MANY

- 1) What does Malala want to be known for? What does she feel is her responsibility?
- 2) Who does Malala speak for? Why does she speak for them?

**Essays:** Read each of the following topics. Choose 2 of the topics and in Google Classroom, write a 4-5 paragraph essay for each one. (Do NOT write an essay for all 10 topics!!!)

1) On page 35, Malala's father teaches her a lesson about winning and losing. He tells her, "It is a good thing to come in second ... Because you learn that if you can win, you can lose. And you should learn to be a good loser, not just a good winner."

Write about a time in your life when you learned a similar lesson.

2) Would you take the risks Malala and some of her friends did in order to continue your education? Why or why not?

3) If you had been in Malala's situation, would you have tried to keep going to school or would you have stayed home? Explain your choice.

4) On page 168, Malala describes the moral of The Wonderful Wizard of Oz as "there will always be hurdles in life, but if you want to achieve a goal, you must continue." Explain how that statement applies to Malala's life. What goals did she want to achieve? What obstacles stood in her way? How did she successfully conquer those hurdles?

5) In her speech to the United Nations, Malala said, "One child, one teacher, one pen, and one book can change the world." Write about a time when one of these things Malala listed had an impact on your life.

6) After reading about how Malala and other girls struggled to be educated, does this change the way you see your education? That is, do you appreciate your opportunities even more? Did your feelings about education change after reading about Malala's experiences? If so, how? If not, why not?

7) Malala says that some people blame her father for what happened to her because he pushed to do what she did. Do you agree or disagree with this thought? Explain.

8) How can a school be a haven and sanctuary for students from their lives outside of school?

9) When Malala thinks about what she would do if a Taliban soldier came to kill her, she says, "If you hit a Talib with your shoe, there is no difference between him and you. You must not treat others with cruelty. You must fight with peace and dialogue." Describe how this quote shows Malala's character.

10) Write a letter to Malala telling her how you feel after reading her story. Be sure to include specific examples about what parts of her life impacted you.

# **Summer Packet for Incoming 7<sup>th</sup> Grade- 2018**

**Mrs. Fisher-Tarter  
DLEACS**

**Name** \_\_\_\_\_



# Addition and Subtraction of Fractions and Mixed Numbers

## Adding and Subtracting Fractions:

- 1) Rewrite the fractions with a common denominator
- 2) Add or subtract the numerators
- 3) Simplify the fraction

$$\begin{array}{r} \frac{1}{3} + \frac{1}{6} \\ \frac{1 \times 2}{3 \times 2} = \frac{2}{6} \\ + \frac{1 \times 1}{6 \times 1} = \frac{1}{6} \\ \hline \frac{3}{6} = \frac{1}{2} \end{array}$$

## Adding and Subtracting Mixed Numbers:

- 1) Rewrite the fractions with a common denominator
- 2) Rename, if necessary
- 3) Add or subtract the fractions. Add or subtract the whole numbers
- 4) Simplify if necessary

$$\begin{array}{r} 3\frac{1}{4} - 1\frac{1}{3} \\ 3\frac{1}{4} = 2\frac{3}{4} = 2\frac{9}{12} \\ - 1\frac{1}{3} = 1\frac{4}{12} \\ \hline 1\frac{5}{12} \end{array}$$

Find the sum. Write your answer in simplest form.

1.  $\frac{1}{4} + \frac{1}{2}$

2.  $\frac{2}{5} + \frac{1}{3}$

3.  $\frac{7}{15} + \frac{3}{10}$

4.  $\frac{11}{28} + \frac{4}{7}$

5.  $\frac{3}{4} + \frac{1}{12}$

6.  $\frac{9}{10} + \frac{13}{20}$

7.  $4\frac{15}{16} + 7\frac{3}{4}$

8.  $2\frac{16}{25} + 3\frac{18}{20}$

9.  $3\frac{2}{5} + 9\frac{1}{10}$

10.  $6\frac{1}{42} + 4\frac{5}{6}$

11.  $18\frac{7}{9} + 16$

12.  $4\frac{7}{8} + \frac{1}{3}$

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Find the difference. Write your answer in simplest form.

13.  $\frac{7}{8} - \frac{1}{4}$

14.  $\frac{13}{15} - \frac{1}{3}$

15.  $\frac{7}{9} - \frac{2}{6}$

16.  $\frac{21}{24} - \frac{3}{8}$

17.  $\frac{3}{14} - \frac{1}{7}$

18.  $\frac{9}{10} - \frac{1}{2}$

19.  $9\frac{1}{6} - 4\frac{1}{12}$

20.  $12\frac{18}{25} - 8\frac{4}{5}$

21.  $5\frac{8}{9} - 3\frac{2}{3}$

22.  $8\frac{12}{16} - 7\frac{31}{32}$

23.  $10\frac{3}{4} - 6\frac{4}{5}$

24.  $13\frac{7}{8} - \frac{10}{12}$

# Multiplication and Division of Fractions and Mixed Numbers

## Multiplying Fractions and Mixed Numbers:

- 1) Convert mixed numbers to improper fractions
- 2) Cross simplify if possible
- 3) Multiply the 2 numerators and then multiply the 2 denominators
- 4) Simplify if necessary

$$2\frac{1}{4} \cdot \frac{1}{3}$$

$$2\frac{1}{4} = \frac{9}{4}$$

$$\frac{9}{4} \cdot \frac{1}{3} = \frac{3}{4}$$

## Dividing Fractions and Mixed Numbers:

- 1) Convert mixed numbers to improper fractions
- 2) "Same, Change, Flip" (keep first fraction the same, change division to multiplication, flip second fraction to its reciprocal)
- 3) Cross simplify if possible and then multiply
- 4) Simplify if necessary

$$\frac{3}{7} \div \frac{9}{10}$$

$$\frac{3}{7} \cdot \frac{10}{9} = \frac{10}{21}$$

Find the product. Write your answer in simplest form.

25.  $\frac{1}{8} \cdot \frac{1}{7}$

26.  $\frac{2}{9} \cdot \frac{12}{14}$

27.  $\frac{7}{12} \cdot \frac{8}{14}$

28.  $\frac{9}{24} \cdot \frac{16}{81}$

29.  $\frac{3}{14} \cdot \frac{21}{33}$

30.  $\frac{1}{2} \cdot \frac{9}{13}$

31.  $2\frac{1}{6} \cdot \frac{3}{5}$

32.  $8\frac{4}{5} \cdot 1\frac{5}{11}$

33.  $2\frac{1}{2} \cdot \frac{2}{5}$

34.  $9\frac{2}{3} \cdot 6$

35.  $13\frac{1}{3} \cdot 2\frac{1}{10}$

36.  $7 \cdot \frac{1}{3}$

---

Find the quotient. Write your answer in simplest form.

37.  $\frac{5}{6} \div \frac{1}{4}$

38.  $\frac{1}{2} \div \frac{1}{4}$

39.  $\frac{3}{4} \div \frac{9}{12}$

40.  $\frac{21}{35} \div \frac{7}{25}$

41.  $\frac{6}{7} \div 3$

42.  $\frac{2}{11} \div \frac{1}{33}$

43.  $1\frac{1}{4} \div 2\frac{1}{3}$

44.  $5\frac{3}{6} \div 3$

45.  $10\frac{1}{4} \div \frac{2}{5}$

46.  $3\frac{2}{3} \div 1\frac{1}{7}$

47.  $4\frac{3}{8} \div \frac{9}{10}$

48.  $8 \div \frac{3}{4}$

# Operations with Decimals

## Adding and Subtracting Decimals:

- 1) Line up decimal points
- 2) Bring the decimal down
- 3) Add or subtract as if numbers are whole numbers

$$5.2 + 10.03$$

$$\begin{array}{r} 5.2 \\ + 10.03 \\ \hline 15.23 \end{array}$$

## Multiplying Decimals:

- 1) Ignore the decimal points
- 2) Multiply as if numbers are whole numbers
- 3) Count the number of decimal places in the problem and move the decimal point in answer that many places

$$1.03 \times 2.8$$

$$\begin{array}{r} 1.03 \\ \times 2.8 \\ \hline 824 \\ 2060 \\ \hline 2884 \end{array}$$

## Dividing Decimals:

- 1) If there is a decimal in the divisor, move it to the end of the number and move the decimal in the dividend the same number of places
- 2) Bring decimal point in dividend straight up.
- 3) Divide. Add zeros to dividend and bring down if necessary.

$$6.4 \div 1.2$$

$$\begin{array}{r} 5.3 \\ 1.2 \overline{) 6.40} \\ \underline{60} \phantom{0} \\ 40 \\ \underline{36} \\ 4 \end{array}$$

Find the sum or difference

49.  $6.2 + 3.4$

50.  $8.04 - 6.8$

51.  $12.4 + 0.899$

52.  $12.9 - 2.043$

53.  $163.29 + 13.987$

54.  $13 - 6.7$

55.  $3.91 + 1.93$

56.  $34.2 - 29.027$

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Find the product.

57.  $9.2 \times 3.1$

58.  $(14.1)(2.7)$

59.  $91 \times 4.5$

60.  $(82.04)(1.2)$

61.  $(1.1)(6.78)$

62.  $45 \times 0.1$

63.  $0.010 \times 13.9$

64.  $(2.34)(5.6)$

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Find the quotient.

65.  $2 \overline{)8.4}$

66.  $13 \overline{)1.56}$

67.  $2 \overline{)7.45}$

68.  $8 \overline{)9}$

69.  $3.4 \overline{)68}$

70.  $0.2 \overline{)9.4}$

71.  $0.15 \overline{)0.045}$

72.  $0.3 \overline{)4}$

# Geometry

**Area Formulas: (remember area = the space inside a figure)**

*Area of Rectangle = length  $\times$  width*

*Area of Triangle =  $\frac{1}{2}$  base  $\times$  height*

*Area of Circle =  $\pi \cdot \text{radius}^2$*

*Area of Parallelogram = base  $\times$  height*

**Perimeter: (remember perimeter = the distance around a figure)**

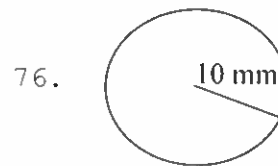
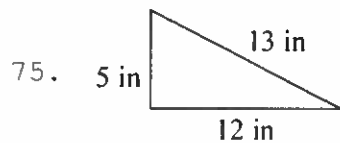
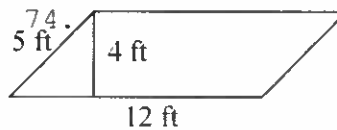
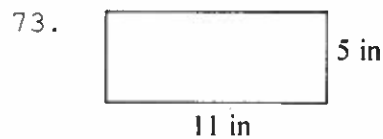
*Perimeter of any polygon: add up all the sides*

*Circumference of Circle =  $2 \cdot \pi \cdot \text{radius}$*

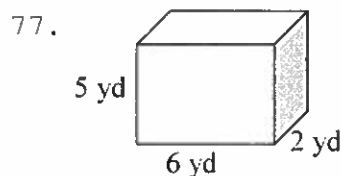
**Volume: (remember volume = the capacity of a 3D figure)**

*Volume of Rectangular Prism = length  $\times$  width  $\times$  height*  
 *$\pi \cdot \text{diameter}$*

Find the area and perimeter (or circumference). Use 3.14 for pi:



Find the volume:



Solve the word problem:

78. Danny is installing a fence around his rectangular yard. His yard is 20 feet long by 45 feet wide. If the fencing he picked out costs \$25 per foot, how much money will Danny spend on the fence?
79. Tameka wants to put a carpet in her rectangular bedroom. Her room is 22 feet long by 18 feet wide. How much carpeting will Tameka need?
80. Don wants to bring some sand home from his vacation at the beach. He has a box that is 3 inches wide, 4 inches long, and 2 inches tall. How much sand can he fit in the box?



# Solving One-step Equations

## Addition Equations:

Subtract the number on the same side of the equal sign as the variable from each side of the equation

$$x + 3 = 9$$

$$\begin{array}{r} x + 3 = 9 \\ -3 \quad -3 \\ \hline x = 6 \end{array}$$

## Subtraction Equations:

Add the number on the same side of the equal sign as the variable to each side of the equation

$$14 = x - 7$$

$$\begin{array}{r} 14 = x - 7 \\ +7 \quad +7 \\ \hline 21 = x \end{array}$$

## Multiplication Equations:

Divide each side of the equation by the number on the same side of the equal sign as the variable

$$5m = 105$$

$$\begin{array}{r} 5m = 105 \\ \hline m = 21 \end{array}$$

## Division Equations:

Multiply each side of the equation by the number on the same side of the equal sign as the variable

$$\frac{y}{13} = 5$$

$$\begin{array}{r} 13 \times \frac{y}{13} = 5 \times 13 \\ \hline y = 65 \end{array}$$

Solve for the given variable:

81.  $x + 18 = 32$

82.  $18f = 720$

83.  $h - 56 = 57$

84.  $\frac{b}{6} = 12$

85.  $12 = r - 76$

86.  $33 + d = 65$

87.  $14m = 42$

88.  $10c = 5$

89.  $38 = 19j$

90.  $w + 65 = 100$

91.  $r - 7 = 9$

92.  $x + 12 = 9$

93.  $14 + x = 18$

94.  $\frac{p}{22} = 7$

95.  $47 = x - 5$

96.  $k + 16 = 76$

97.  $2 = 6m$

98.  $t - 8 = 14$

99.  $\frac{h}{19} = 11$

100.  $47 = 18 + b$