7th grade Summer Reading Project 2018

Name _____

Welcome to 7th grade! For your summer reading project, you will be reading the book *A Killing in Plymouth Colony* by Carol Otis and Rebecca Hurst. You are responsible for reading the whole book and creating a colorful booklet full of scenes and descriptions. No personal pronouns (I, me, you, we, etc.) allowed.

Guidelines:

1) **Pick a scene that stands out to you. Two from beginning, Two from middle, Two from end (6 scenes total)**

2) **Draw a picture of the scene, or use at least 4 pictures from another source glued on the page, with a title describing the scene at the top.**

3) **Below the picture, you are to write a summary of what happened in the scene (4 sentences), an explanation of why the scene is important to the story as a whole (2 sentences), and an explanation of why this particular scene stood out from the others (1 sentence). [7 sentences total]**

4) **Design a creative title page for your booklet**

5) **Staple all pages with a stapler (no paperclips!)**

6) **Attach the rubric, after reading it very carefully!**

This project must be turned in on the first day of school, Tuesday, September 3rd, **with this rubric page attached.** You may also be **quizzed** on the events of the book when you return.

Please refer to the rubric and evaluate yourself to make sure you included all components of the project. As a reminder, plagiarism is taken very seriously at our school and projects will receive **zero credit** if plagiarism is detected.

Enjoy ☺

Requirement	Expectations	Grade
Cover Page (6 points)	• Name, number, due date, and subject in upper right hand corner • Title of book in center, with author's name underneath	

Scene 1 (14 points)	• Title of scene at the top • Picture is complete, neat, and clear • Scene is described thoroughly and accurately (4 sentences) • Scene is connected to the story as a whole (2 sentences) • One sentence describes why the scene stood out from the others • Spelling and grammar is correct	
Scene 2 (14 points)	• Title of scene at the top • Picture is complete, neat, and clear • Scene is described thoroughly and accurately (4 sentences) • Scene is connected to the story as a whole (2 sentences) • One sentence describes why the scene stood out from the others • Spelling and grammar is correct	
Scene 3 (14 points)	• Title of scene at the top • Picture is complete, neat, and clear • Scene is described thoroughly and accurately (4 sentences) • Scene is connected to the story as a whole (2 sentences) • One sentence describes why the scene stood out from the others • Spelling and grammar is correct	
Scene 4 (14 points)	• Title of scene at the top • Picture is complete, neat, and clear • Scene is described thoroughly and accurately (4 sentences) • Scene is connected to the story as a whole (2 sentences) • One sentence describes why the scene stood out from the others • Spelling and grammar is correct	
Scene 5 (14 points)	• Title of scene at the top • Picture is complete, neat, and clear • Scene is described thoroughly and accurately (4 sentences) • Scene is connected to the story as a whole (2 sentences) • One sentence describes why the scene stood out from the others • Spelling and grammar is correct	
Scene 6 (14 points)	• Title of scene at the top • Picture is complete, neat, and clear • Scene is described thoroughly and accurately (4 sentences) • Scene is connected to the story as a whole (2 sentences) • One sentence describes why the scene stood out from the others • Spelling and grammar is correct	
Overall appearance (10)	• Project is on 8 ½ by 11 paper • Project is stapled neatly on clean, smooth paper or in a report folder • Rubric sheet is attached	
Total (100)	Comments:	

Incoming 7th grade Summer Math packet

Show your work where needed on a separate sheet of paper and attach to completed packet

Multiple Choice

Choose the correct letter.

1. What operation would you perform first in the expression $3.9 + 4.1 \times 16 - 6 \div 4.8$?
   - (A) Add 3.9 and 4.1.
   - (B) Multiply 4.1 and 16.
   - (C) Subtract 6 from 16.
   - (D) Divide 10 by 4.8.

2. Four servers at a restaurant equally share $87.44 in tips. How much does each server receive?
   - (F) 20.68
   - (H) 21.86
   - (G) 20.86
   - (J) 22.86

3. Simplify the expression. $(4 + 2)^2$
   - (A) 8
   - (C) 36
   - (B) 12
   - (D) 42

4. Solve the equation $0.2x = 46$.
   - (F) 2.3
   - (H) 23
   - (G) 9.2
   - (J) 230

5. Find the quotient $0.317 \div 0.08$.
   - (A) 0.039625
   - (C) 39.625
   - (B) 3.9625
   - (D) 396.25

6. You buy tape and seven boxes for $18.55. If the tape costs $2.10, how much is each box?
   - (A) $.70
   - (B) $2.35
   - (C) $2.65
   - (D) $2.95

7. Solve the equation $c + 3\frac{2}{3} = 7\frac{4}{5}$.
   - (A) $3\frac{2}{15}$
   - (B) $3\frac{7}{15}$
   - (C) $4\frac{2}{15}$
   - (D) $4\frac{7}{15}$
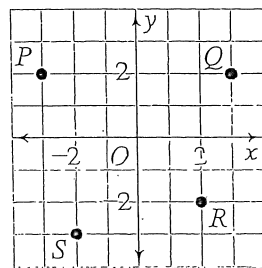
8. Estimate the product $7\frac{5}{6} \times 5\frac{3}{4}$.
   - (F) 35
   - (G) 40
   - (H) 42
   - (J) 48

9. Find the reciprocal of $4\frac{2}{5}$.
   - (A) $\frac{5}{22}$
   - (B) $\frac{1}{4}$
   - (C) $\frac{5}{2}$
   - (D) $2\frac{4}{5}$

10. What is the ordered pair for P?
    - (F) $(3,2)$
    - (G) $(-2,-3)$
    - (H) $(2,-2)$
    - (J) $(-3,2)$

11. Find the unit rate.
    84 students in 4 classrooms
    - (A) 21 classes per student
    - (B) 24 classrooms per school
    - (C) 21 students per classroom
    - (D) 24 students per classroom

12. Which of the following is NOT equivalent to 48%?
    - (F) $\frac{48}{100}$
    - (G) $\frac{24}{50}$
    - (H) 0.048
    - (J) 0.48

13. Solve $6a = 120$.
    - (A) -20
    - (B) -2
    - (C) 2
    - (D) 20

14. You collect 9 new coins over the holidays. At the end of the holidays, you have 47 coins in your collection. How many coins did you have before the holidays?
    - (F) 36
    - (G) 38
    - (H) 40
    - (J) 56

15. Find the LCM of 20, 35, and 100.
    - (A) 5
    - (B) 10
    - (C) 100
    - (D) 700

16. Which set of numbers is ordered from least to greatest?
    - (A) $\frac{1}{5}, -0.4, 1.4, -\frac{15}{75}$
    - (B) $-0.4, \frac{1}{5}, -\frac{15}{75}, 1.4$
    - (C) $-0.4, -\frac{15}{75}, \frac{1}{5}, 1.4$
    - (D) $1.4, \frac{1}{5}, -0.4, -\frac{15}{75}$

18. Evaluate the expression $4.3 + m \div 10$ for $m = 15$.
   - (A) 1.93
   - (B) 5.2
   - (C) 5.8
   - (D) 29.3

17. Simplify $3 + (4 + 1)^2$.
   - (F) 13
   - (G) 25
   - (H) 28
   - (J) 64

19. Todd ran around the track in less than 10 minutes. Which is an inequality for the situation?
   - (A) $t \geq 10$
   - (B) $t > 10$
   - (C) $i \leq 10$
   - (D) $t < 10$

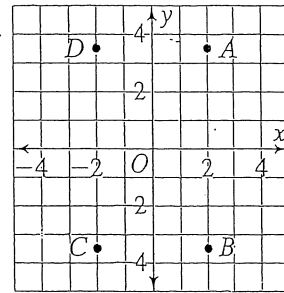20. What operation would you perform first in the expression below?

   $12.5 - 1.6 \times 10 + 4 \div 2.5$
   - (A) Subtract 1.6 from 12.5.
   - (B) Multiply 1.6 and 10.
   - (C) Add 10 and 4.
   - (D) Divide 4 by 2.5.

21. Which statement is NOT true?
   - (F) $-5 < -2$
   - (G) $-3 < 7$
   - (H) $-6 > -2$
   - (J) $4 > -1$

21q. Which point has the coordinates $(-2, 3.5)$?

   - (A) A
   - (B) B
   - (C) C
   - (D) D

22. Solve the equation $d + 2\frac{1}{2} = 5\frac{3}{4}$.
   - (F) $3\frac{1}{4}$
   - (G) $3\frac{3}{4}$
   - (H) $7\frac{1}{4}$
   - (J) $8\frac{1}{4}$

23. What is the prime factorization of 24?
   - (A) $2^3 \cdot 3$
   - (B) $2^3 \cdot 2$
   - (C) $2^2 \cdot 6$
   - (D) $4 \cdot 6$

24. Which number is NOT equivalent to $\frac{5}{25}$?
   - (F) $\frac{20}{100}$
   - (G) 20%
   - (H) 0.20
   - (J) $\frac{2}{5}$

25. A gardener plants 121 marigolds in a square garden. Each row has the same number of plants. How many plants are in each row?

26. The equation $y = 15x$ represents the amount of money Elton saves each week. How much will Elton have saved in 14 weeks?

27. Solve the equation $4j = 12$ for j.

28. Simplify the expression $(16 - 8) \times 2 + (10 \div 100)$.

29. Find 35% of 240.

30. Simplify the expression $3 \times 8 - 4 + 5$.

Short Response

31. No more than 12 students volunteered to work at the local food pantry.
  - a. Write an inequality for this situation.
  - b. Graph the solution on a number line.

32. The diagram shows the ratio of children to adults at the park. Describe the ratio shown in the diagram.
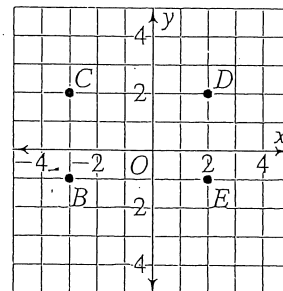
Children

Adults

33. Complete the function table using the rule.
Output = Input · 8

Input	Output
−4	
7	
9	

34. Solve the equation $6.8p - 14 = 13.2$ for p.

35. Solve $0.5b = 24$.

36. Solve $n + 9 \geq 17$.

37. Find the prime factorization of 98 by using a factor tree.

38. Andrew jogs 3 miles in an hour. How many minutes will it take him to jog 5 miles?

Extended Response

39. The sum of a number t and 7 is greater than 20.
  - a. Write an inequality for this situation.
  - b. Solve the inequality.
  - c. Graph the solution on a number line.

40. A rectangle measures 5 inches by 7 inches.
  - a. What is the area of the rectangle?
  - b. A 1 inch-by-1 inch square is cut from each corner of the rectangle. What is the area of the new figure? Explain.

41. Gabe earns $54.32 in 8 hours. Brannon $78.60 in 12 hours.
  - a. What is Gabe's unit rate for earnings? What is Brannon's unit rate?
  - b. How much will Gabe and Brannon earn together if they each work 15 hours?
  - c. Explain how you solved the problem.

42. A pound of cheese costs $5.40 and a pound of ham costs $6.98. What is the total cost of 1 pound of cheese and 2.5 pounds of ham?

43. Use the graph to answer the questions.

  - a. Find the length of the line segment joining points C and D.
  - b. The given points are connected to form a rectangle. Find the perimeter of the rectangle.