

SMRS 5th Grade Summer Work

Reading

Read Wonder by R.J. Palacio. Answer the following questions in a minimum of 1 paragraph. A paragraph is 5-7 sentences in length.

1. August Pullman is not an ordinary ten-year-old kid, but in the opening chapter of R.J. Palacio's novel, Wonder, he admits he'd like to be. Can you relate to this desire to be normal? If so, what's one thing about your life you wish weren't so extraordinary to others?
2. Which characters do you think change the most from the beginning to the end of the story, and why do you think so?

Math

Complete the math review packet.

Grading

Each assignment will be graded as a Quiz for the 1st marking period for Reading and Math. Quizzes account for 25% of the grade for the marking period. Both assignments will be graded for completion. For example, if your work is completed, you will receive a grade of 100. If you only complete half of the assignment, you will receive a grade of 50.

Entering 5th Grade Summer Math Packet

First Name: _____ Last Name: _____

5th Grade Teacher: Mr. Moran

I have checked the work completed: _____
Parent Signature

Select the one best answer for each question. **DO NOT** use a calculator in completing this packet.

1. Which of the following sets of numbers are **all** of the factors of 24?

- A. 1, 3, 8, 24
- B. 2, 4, 6, 8, 12, 24
- C. 2, 3, 4, 6, 8, 12
- D. 1, 2, 3, 4, 6, 8, 12, 24

2. Which of the following numbers is a multiple of 8?

- A. 18
- B. 28
- C. 44
- D. 56

3. The following are all multiples of a one-digit number: 12, 24, 30, 42.

- A. 5
- B. 6
- C. 7
- D. 8

4. Which number is a multiple of 3?

- A. 83
- B. 84
- C. 85
- D. 86

5. Which of the following set of numbers are all multiples of 7?

- A. 35, 47, 52
- B. 35, 36, 37
- C. 35, 42, 49
- D. 37, 47, 57

6. Al sees this sign at a copy center. What is the least number of copies Al can make without losing any money?

1. Copies cost 10¢ each.
2. Copy machines only take quarters.
3. Copy machines do NOT make change.
If you make 1 copy, you will NOT get 15¢ back.

- A. 5
B. 30
C. 75
D. 150
7. Which of the following is NOT true about prime numbers?
- A. They have exactly two factors
B. One is a factor of every prime number
C. No prime numbers end in zero
D. All prime numbers are odd numbers
8. Which set does NOT contain any multiples of 4?
- A. {24, 36, 42, 54}
B. {12, 15, 20, 24}
C. {8, 16, 24, 34}
D. {6, 10, 14, 18}
9. I am a factor of 36 and a multiple of 3. What number am I?
- A. 2
B. 4
C. 12
D. 15
10. Since $4 \times 10 = 40$, and $40 \times 5 = 200$, then which of the following is true?
- A. $14 \times 45 = 200$
B. $4 \times 10 \times 5 = 200$
C. $4 \times 10 \times 40 = 200$
D. $40 \times 10 \times 5 = 200$
11. My number is a multiple of 5. It is less than 100 and has a factor of 6. What is my number?
- A. 25 C. 60
B. 36 D. 66

12. Write the products: Practice any you do not know quickly.

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

13. Since $5 \times 20 = 100$, which number will complete the number sentence below to make it true?
 $5 \times \underline{\hspace{2cm}} \times 5 = 100$

- A. 4
- B. 5
- C. 20
- D. 25

14. Solve $136 - 67$.

- A. 61
- B. 69
- C. 71
- D. 79

15. Solve $206 - 48$.

- A. 158
- B. 242
- C. 162
- D. 262

16. Which expression is equal to 3×49 ?

- A. $3 \times (4 + 9)$
- B. $3 + (40 \times 9)$
- C. $3 \times (40 + 9)$
- D. $(3 \times 4) + (3 \times 9)$

17. Which has the same value as 57×4 ?

- A. $(50 \times 4) + (7 \times 4)$
- B. $(50 + 5) + 2$
- C. $(50 \times 5) + 2$
- D. $(50 \times 4) + 7$

18. Which expression is equal to 83×5 ?

- A. $80 \times (3 + 5)$
- B. $(80 \times 5) + (3 \times 5)$
- C. $(5 \times 80) + 3$
- D. $(80 \times 5) + ((80 \times 3))$

19. Solve the following:

$$\begin{array}{r} 2,749 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 156 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 837 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 368 \\ \times 20 \\ \hline \end{array}$$

20. What is 1486 divided by 3? Show your work.

- A. 4,812 r0
- B. 495 r1
- C. 280 r10
- D. 496 r0

21. What is 2520 divide by 10? Show your work.

- A. 25,200
- B. 2,520
- C. 253
- D. 252

22. What is the value of this expression? $420 \div 4$

- A. 15
- B. 100
- C. 105
- D. 150

23. There are 168 lunches to be shared equally among 3 fourth-grade classes. How many lunches will go to each class?

- A. 56
- B. 165
- C. 171
- D. 504

24. What is the value of this expression? $3750 \div 10$

- A. 370
- B. 375
- C. 3740
- D. 37500

25. Which division problem is correct? Show your work.

- A. $4,836 \div 6 = 86$
- B. $4,836 \div 6 = 806$
- C. $3,215 \div 5 = 641$
- D. $3,215 \div 5 = 603$

26. If $600 \div A = 300$, what is A?

- A. 200
- B. 30
- C. 20
- D. 2

27. Fill in the blank with the number that makes this math sentence correct:

$$12 \times \underline{\quad} = 60$$

- A. 7
- B. 4
- C. 6
- D. 5

28. What value of A makes the number sentence true?
 $100 \div A = 20$

- A. 4
- B. 5
- C. 80
- D. 120

29. What value of n makes the equation below true?
 $n \div 7 = 21$

- A. 3
- B. 28
- C. 141
- D. 147

30. Which value of g makes the number sentence true?
 $g \div 8 = 32$

- A. 4
- B. 24
- C. 40
- D. 256

31. What value of p makes the equation below true?
 $270 \div p = 27$

- A. 7
- B. 8
- C. 9
- D. 10

32. Which math problem can be checked using $3 \times 6 = 18$?

- A. $18 \times 3 = \underline{\hspace{2cm}}$
- B. $18 + 3 = \underline{\hspace{2cm}}$
- C. $18 \div 3 = \underline{\hspace{2cm}}$
- D. $18 - 3 = \underline{\hspace{2cm}}$

33. The students in your class collected pop cans to raise money for a class trip. The goal for each student was to collect 150 cans each. There are 27 students in your class. How many cans would that be altogether?

- A. 177 cans
- B. 405 cans
- C. 1350 cans
- D. 4050 cans

34. Suppose 33 photos are placed in a photo album. How many pages are needed if 3 photos fit on a page? Show your work.
- A. 9 pages
 - B. 10 pages
 - C. 11 pages
 - D. 12 pages
35. Which answer means the same as \$12.49?
- A. One and two forty nines
 - B. Twelve and forty nine
 - C. Twelve and forty nine tens
 - D. Twelve and forty nine hundredths
36. Mr. Clark was given some change at the grocery store. He was given 5 one dollar bills, 6 quarters, 2 dimes and a penny. How much change did he get?
- A. \$5.62
 - B. \$6.71
 - C. \$56.21
 - D. \$6.21

37. What decimal part of one dollar is the sum of these coins?



- A. 2.00
 - B. 0.20
 - C. 0.02
 - D. 0.22
38. What is another way to write 0.7 inches?
- A. $\frac{7}{10000}$ inches
 - B. $\frac{7}{1000}$ inches
 - C. $\frac{7}{100}$ inches
 - D. $\frac{7}{10}$ inches

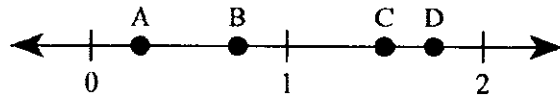
39. Which is equal to 0.45?

- A. $\frac{4}{5}$
- B. $\frac{45}{100}$
- C. $\frac{100}{45}$
- D. $\frac{5}{100}$

40. Which number is the same as one fourth?
(think of $\frac{1}{4}$ of 100 when converting to decimals; think of money)

A. 0.4
B. 0.04
C. 0.25
D. 0.75

41. Which point on the number line below *best* represents 1.75?



A. Point A
B. Point B
C. Point C
D. Point D

42. Match the following: Draw a line to make a match.

Four tenths	.08
Eight hundredths	.3
64 hundredths	.4
3 tenths	.64

43. Divide $3,252 \div 7$

A. 463 R11
B. 464
C. 464 R4

44. Write the following in fraction and decimal form:

Eight tenths = _____ = _____

Twenty-seven hundredths = _____ = _____

Five hundredths = _____ = _____

Five tenths = _____ = _____

45. Write the following fractions in decimal form. Remember: • tenths hundredths

$\frac{4}{10} =$ _____ $\frac{8}{10} =$ _____ $\frac{23}{100} =$ _____ $\frac{56}{100} =$ _____

$\frac{8}{100} =$ _____ $\frac{5}{10} =$ _____ $\frac{66}{100} =$ _____ $\frac{2}{10} =$ _____