

Name: _____ Math Review Learning Packet

Find the sum or difference . Write in simplest form .

1.) $\frac{2}{4} + \frac{1}{3} =$ _____

2.) $\frac{3}{8} + \frac{5}{6} =$ _____

3.) $\frac{7}{9} - \frac{4}{6} =$ _____

4.) $\frac{21}{24} - \frac{10}{12} =$ _____

5.) $3\frac{2}{6}$

+ $5\frac{1}{12}$

6.) $5\frac{4}{5}$

- $2\frac{1}{2}$

Write each improper fraction as a mixed number or whole number .

7.) $\frac{21}{3} =$ _____

8.) $\frac{19}{4} =$ _____

Write each mixed number as an improper fraction .

9.) $4\frac{1}{6} =$ _____

10.) $3\frac{2}{5} =$ _____

Find the quotient or the product . Write in simplest form .

11.) $2\frac{4}{5} \times \frac{3}{4} =$

12.) $5 \div \frac{3}{8} =$

13.) $4\frac{1}{6} \times 3\frac{1}{4} =$

14.) $\frac{2}{6} \div 2 =$

15.) Jane is cooking a cake. She needs $2\frac{1}{4}$ cups of dark brown sugar and $1\frac{1}{5}$ cup of light brown sugar. How much total sugar does she need to make the cake?

16.) Jake ran $4\frac{1}{2}$ miles on Friday. Jennifer ran $2\frac{4}{7}$ miles on Saturday. How much farther did Jake run than Jennifer?

(#17- 19) Constructed Response: The table shows the amount of time Kylie practice guitar last week.

| Day of Week | Tuesday | Thursday |
|--------------|----------------|----------------|
| Time (hours) | $2\frac{2}{6}$ | $3\frac{1}{4}$ |

Part A: Kylie wants to find the total time she spent practicing. What is the first step she should take to add the times?

Part B: Find the total number of hours Kylie practiced the guitar.

Part C: Todd said that $\frac{2}{6} + \frac{1}{4}$ equals $\frac{3}{10}$. What mistake did Todd make? What is the correct answer?

Round to nearest hundredth.

20.) $74.836 =$ _____

21.) $583.852 =$ _____

Round to nearest tenth.

22.) $937.283 =$ _____

23.) $734.289 =$ _____

Round to nearest thousandth.

24.) $642.3671 =$ _____

25.) $1.6908 =$ _____

Solve.

26.) $12.5 \times 5.3 =$ _____

27.) $10.27 \times 0.36 =$ _____

28.) $17.2 \div 0.2 =$ _____

29.) $41.6 \div 6.5 =$ _____

30.) $46.783 \times 10^4 =$ _____

31.) $28.471 \div 10^3 =$ _____

32.) The land area of Laurens County is eight hundred eighteen and six tenths square miles. What is this number written in standard form?

- a. 818.6 b. 818.06 c. 800.18 d. 8,186

33.) The Callaway Brothers Azalea Bowl Trail is 1.2 miles long.. What is the length of the trail in expanded form?

- a. $10 + 20 + 2 \times \frac{1}{10}$
b. $1 \times 1 + 2 \times \frac{1}{10}$
c. $10 + 1 \times 1 + 2 \times \frac{1}{10}$
d. $100 + 20$

34.) Which number sentence is true?

- a. $0.80 < 0.72$
b. $12.34 = 12.45$
c. $25.47 < 26.32$
d. $32.56 < 32.51$

35.) $3.57 + 102.45 =$ _____

36.) $14.988 - 13.12 =$ _____

37.)
$$\begin{array}{r} 74.913 \\ +23.762 \\ \hline \end{array}$$

38.)
$$\begin{array}{r} 24.895 \\ - 10.367 \\ \hline \end{array}$$

39.) $9 + 1.8 + 1.2 =$ _____

40.) $1,971.1 + 3.65 + 12 =$ _____

(#41-42) **Constructed Response:**

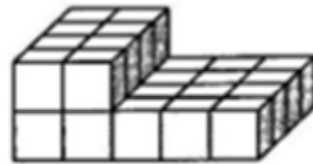
Part A: Write 3 numbers below that would round to 7.6

Part B: Pick one of your numbers and justify why it rounds to 7.6. Draw a number line showing why and/or write an explanation for how you got your answer.

43.) Sammy's favorite basketball player is 7 ft 2 inches tall. How tall is Sammy's favorite player in inches? HINT: 1 foot = 12 inches

44.) What is the volume of the composite figure?

The composite figure is _____ cubic units



45.) $10 \times 10 \times 10 =$ _____

ANSWER KEY TO MATH REVIEW PACKET

| | | | | |
|------------------------|--|-------------------------|--|-----------------------|
| 1.) $\frac{5}{6}$ | 2.) $1 \frac{5}{24}$ | 3.) $\frac{1}{9}$ | 4.) $\frac{1}{24}$ | 5.) $8 \frac{5}{12}$ |
| 6.) $3 \frac{3}{10}$ | 7.) 7 | 8.) $4 \frac{3}{4}$ | 9.) $\frac{25}{6}$ | 10.) $\frac{17}{5}$ |
| 11.) $2 \frac{1}{10}$ | 12.) $13 \frac{1}{3}$ | 13.) $13 \frac{13}{24}$ | 14.) $\frac{1}{6}$ | 15.) $3 \frac{9}{20}$ |
| 16.) $1 \frac{13}{14}$ | 17.) Change the mixed numbers to improper fractions. | 18.) $5 \frac{7}{12}$ | 19.) You cannot add fractions when they do not have the same denominator. You have to find the LCD! (least common denominator) | 20.) 74.84 |

| | | | | |
|--|-------------|---------------------|--------------|---------------|
| 21.) 583.85 | 22.) 937.9 | 23.) 734.3 | 24.) 642.367 | 25.) 1.691 |
| 26.) 66.25 | 27.) 3.6972 | 28.) 86 | 29.) 6.4 | 30.) 467,830 |
| 31.) 0.028471 | 32.) A | 33.) B | 34.) C | 35.) 106.02 |
| 36.) 1.868 | 37.) 98.675 | 38.) 14.528 | 39.) 12.00 | 40.) 1,986.75 |
| 41.) Your answer could be any of the following: 7.55, 7.56, 7.57, 7.58, 7.59, 7.60, 7.61, 7.62, 7.63, 7.64 | | 43.) 86 cubic units | 44.) 28 | 45.) 1,000 |
| *Number 42- explain in own words | | | | |

****Remember - you can get on Prodigy Math and practice ANY TIME!**

****Don't forget to go to Google Classroom Math or Science and review the practice links**

Name: _____

Math Review Practice #1

1. The value of the digit 2 in 2,981 is _____ times the value of the 2 in 9,824.

2. $2.327 \times 10^2 =$ _____

3. $2.327 \div 10^2 =$ _____

4. Write an expression to match the following statement. "The sum of three and five times eight minus two" _____

5. $15 - 5 \times 2 + [4 \times (3 + 5)]$

6. $(11 - 6) \times 4 \div 2$

$$\begin{array}{r} 7. \quad 113 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 205 \\ \times 93 \\ \hline \end{array}$$

$$9. \quad 650 \div 15$$

$$10. \quad 9,042 \div 25$$

For numbers 11- 12 use the number below.

143.67

11. Write the number in word form: _____

12. Write the number in expanded form: _____

Use comparative symbols to make the statements true. $<$, $>$, or $=$

13. 207.67 27.67

14. 369.12 369.14

Name: _____ Math Review Practice #2

1. The value of the digit 2 in 321,981 is _____ times the value of the 2 in 9,824.

2. $1.98 \times 10^2 =$ _____

3. $198 \div 10^2 =$ _____

4. Write an expression to match the following statement. "The quotient of fifteen and three minus four" _____

5. $28 - 5 \times 10 + [4 \times (10 + 5)]$

6. $(48 - 6) \times 12 \div 2$

7.
$$\begin{array}{r} 427 \\ \times 48 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 978 \\ \times 93 \\ \hline \end{array}$$

9. $864 \div 9$

10. $4,260 \div 60$

For numbers 11-12 use the number below.

98,257.39

11. Write the number in word form: _____

12. Write the number in expanded form: _____

Use comparative symbols to make the statements true. $<$, $>$, or $=$.

13. 364.25 364.29

14. 12.001 12.0001

ANSWER KEY TO MATH REVIEW #1

| | | | |
|----------------------|-------------|--|--|
| 1. 100 times greater | 2. 232.7 | 3. 0.02327 | 4. $(3 + 5) \times 8 - 2$ |
| 5. 37 | 6. 10 | 7. 3,051 | 8. 19,065 |
| 9. 43 r 5 | 10. 361r 17 | 11. One hundred forty-three and sixty-seven hundredths | 12. $1 \times 100 + 4 \times 10 + 3 \times 1 + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100})$ |
| 13. > | 14. < | | |

ANSWER KEY TO MATH REVIEW #2

| | | | |
|------------------------|--------|---|---|
| 1. 1,000 times greater | 2. 198 | 3. 0.0198 | 4. $(15 \div 3) - 4$ |
| 5. 98 | 6. 252 | 7. 20,496 | 8. 90,954 |
| 9. 96 | 10. 71 | 11. Ninety-eight thousand, two hundred fifty-seven and thirty-nine hundredths | 12. $9 \times 10,000 + 8 \times 1,000 + 2 \times 100 + 5 \times 10 + 7 \times 1 + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100})$ |
| 13. < | 14. > | | |

Name _____

Date _____

What kind of beans don't grow in the garden?

Directions: Cross out the answer that matches each question. The remaining letters will answer the riddle.

| | | |
|-----------------------------------|---------------------------------------|-------------------------------------|
| 1) $\frac{9}{12} + \frac{2}{12}$ | 2) $\frac{7}{9} \times \frac{4}{9}$ | 3) $\frac{6}{7} \div \frac{4}{7}$ |
| 4) $\frac{7}{8} - \frac{3}{4}$ | 5) $\frac{8}{12} \times \frac{1}{6}$ | 6) $\frac{12}{15} \div \frac{2}{5}$ |
| 7) $\frac{2}{3} + \frac{5}{21}$ | 8) $\frac{3}{4} \times \frac{15}{20}$ | 9) $\frac{2}{4} \div \frac{2}{16}$ |
| 10) $\frac{5}{6} - \frac{5}{7}$ | 11) $\frac{1}{7} \times \frac{5}{8}$ | 12) $\frac{4}{6} \div \frac{8}{10}$ |
| 13) $\frac{6}{10} + \frac{4}{15}$ | 14) $\frac{9}{11} \times \frac{3}{4}$ | 15) $\frac{4}{9} \div \frac{1}{2}$ |

| | | | | | | | | | | | | |
|---------------|-----------------|---------------|---------------|---------------|---|----------------|----------------|---------------|---------------|----------------|-----------------|-----------------|
| j | a | k | e | p | u | l | b | k | c | l | m | o |
| $\frac{1}{4}$ | $\frac{11}{12}$ | $\frac{1}{9}$ | $\frac{3}{4}$ | $\frac{5}{6}$ | 2 | $\frac{7}{10}$ | $\frac{9}{16}$ | $\frac{8}{9}$ | $\frac{1}{8}$ | $\frac{8}{15}$ | $\frac{27}{44}$ | $\frac{19}{21}$ |

| | | | | | | | | | | | |
|---------------|---|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|---|----------------|-----------------|
| y | b | s | g | e | n | a | w | n | f | s | a |
| $\frac{2}{5}$ | 8 | $\frac{5}{42}$ | $1\frac{1}{2}$ | $\frac{2}{15}$ | $\frac{13}{15}$ | $3\frac{1}{5}$ | $\frac{5}{56}$ | $2\frac{7}{9}$ | 4 | $\frac{8}{15}$ | $\frac{28}{81}$ |

Answer _____

www.simonesmathresources.com

"Laugh Out Loud Jokes" by Rob Elliott



What is a private detective's favorite vegetable?

| | | | |
|-------|-------|----------|---------------------------------|
| | | | |
| 96 16 | 96 15 | 16 91 86 | 67 13 19 86 - 67 19 11 85 86 98 |

Work problems. Match the first 2 digits of each answer with numbers above. Write the letter for those answers.

| | | | |
|------------------|------------------|------------------|------------------|
| A 44 X 16 | B 50 X 17 | C 45 X 15 | E 27 X 32 |
| F 36 X 22 | G 51 X 20 | H 35 X 26 | I 42 X 23 |
| L 53 X 25 | M 56 X 21 | O 32 X 26 | P 43 X 28 |
| R 52 X 19 | S 36 X 42 | T 40 X 41 | U 44 X 44 |



Why was the martial arts teacher sick?

| | |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |
| 49 50 | 49 58 46 |
| <input type="text"/> | <input type="text"/> |
| 53 49 50 | 57 72 23 41 |
| <input type="text"/> | <input type="text"/> |
| | 32 38 72 |

Work problems. Match the first 2 digits of each answer with numbers above. Write the letter for those answers.

| | | | |
|---|---|---|---|
| A $\begin{array}{r} 87 \\ \times 67 \\ \hline \end{array}$ | B $\begin{array}{r} 55 \\ \times 74 \\ \hline \end{array}$ | D $\begin{array}{r} 78 \\ \times 60 \\ \hline \end{array}$ | E $\begin{array}{r} 88 \\ \times 57 \\ \hline \end{array}$ |
| F $\begin{array}{r} 56 \\ \times 58 \\ \hline \end{array}$ | G $\begin{array}{r} 77 \\ \times 54 \\ \hline \end{array}$ | H $\begin{array}{r} 81 \\ \times 61 \\ \hline \end{array}$ | I $\begin{array}{r} 57 \\ \times 75 \\ \hline \end{array}$ |
| K $\begin{array}{r} 90 \\ \times 64 \\ \hline \end{array}$ | L $\begin{array}{r} 79 \\ \times 49 \\ \hline \end{array}$ | N $\begin{array}{r} 83 \\ \times 28 \\ \hline \end{array}$ | P $\begin{array}{r} 87 \\ \times 16 \\ \hline \end{array}$ |
| R $\begin{array}{r} 85 \\ \times 90 \\ \hline \end{array}$ | S $\begin{array}{r} 86 \\ \times 55 \\ \hline \end{array}$ | T $\begin{array}{r} 69 \\ \times 78 \\ \hline \end{array}$ | U $\begin{array}{r} 76 \\ \times 96 \\ \hline \end{array}$ |