



Name: _____

Congratulations! You have earned your “SPRING HAS SPRUNG BREAK PACKET”! YES! ☺ While on break, make sure you play outside and enjoy the beautiful weather, spend time with friends and family, and get lots of sleep!

This spring break packet will help you keep your skills sharp as we continue working towards becoming the strongest mathematicians in Vance County!

This homework is due: Tuesday, April 7th (when we come back from break). You must complete all the problems, but you may work at your own speed.

<p>_____ out of 25 = _____ %</p> <p style="font-size: small;">Spring Break Packet</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">1. ○ ○ ○ ○ ○</td> <td style="width: 33%;">11. ○ ○ ○ ○ ○</td> <td style="width: 33%;">21. ○ ○ ○ ○ ○</td> </tr> <tr> <td>2. ○ ○ ○ ○ ○</td> <td>12. ○ ○ ○ ○ ○</td> <td>22. ○ ○ ○ ○ ○</td> </tr> <tr> <td>3. ○ ○ ○ ○ ○</td> <td>13. ○ ○ ○ ○ ○</td> <td>23. ○ ○ ○ ○ ○</td> </tr> <tr> <td>4. ○ ○ ○ ○ ○</td> <td>14. ○ ○ ○ ○ ○</td> <td>24. ○ ○ ○ ○ ○</td> </tr> <tr> <td>5. ○ ○ ○ ○ ○</td> <td>15. ○ ○ ○ ○ ○</td> <td>25. ○ ○ ○ ○ ○</td> </tr> <tr> <td>6. ○ ○ ○ ○ ○</td> <td>16. ○ ○ ○ ○ ○</td> <td></td> </tr> <tr> <td>7. ○ ○ ○ ○ ○</td> <td>17. ○ ○ ○ ○ ○</td> <td></td> </tr> <tr> <td>8. ○ ○ ○ ○ ○</td> <td>18. ○ ○ ○ ○ ○</td> <td></td> </tr> <tr> <td>9. ○ ○ ○ ○ ○</td> <td>19. ○ ○ ○ ○ ○</td> <td></td> </tr> <tr> <td>10. ○ ○ ○ ○ ○</td> <td>20. ○ ○ ○ ○ ○</td> <td></td> </tr> </table> </div> <p style="font-size: x-small; text-align: center;">Form Identifier — DO NOT MARK</p> <div style="text-align: center; font-size: x-small;"> </div>	1. ○ ○ ○ ○ ○	11. ○ ○ ○ ○ ○	21. ○ ○ ○ ○ ○	2. ○ ○ ○ ○ ○	12. ○ ○ ○ ○ ○	22. ○ ○ ○ ○ ○	3. ○ ○ ○ ○ ○	13. ○ ○ ○ ○ ○	23. ○ ○ ○ ○ ○	4. ○ ○ ○ ○ ○	14. ○ ○ ○ ○ ○	24. ○ ○ ○ ○ ○	5. ○ ○ ○ ○ ○	15. ○ ○ ○ ○ ○	25. ○ ○ ○ ○ ○	6. ○ ○ ○ ○ ○	16. ○ ○ ○ ○ ○		7. ○ ○ ○ ○ ○	17. ○ ○ ○ ○ ○		8. ○ ○ ○ ○ ○	18. ○ ○ ○ ○ ○		9. ○ ○ ○ ○ ○	19. ○ ○ ○ ○ ○		10. ○ ○ ○ ○ ○	20. ○ ○ ○ ○ ○		<p>Topics:</p> <ul style="list-style-type: none"> Place Value and Number Sense Addition and Subtraction Multiplication Division 	<p>Performance Level Ratings:</p> <p>4 - Student consistently exceeds the expected understanding of the content area/ skill.</p> <p>3 - Student consistently demonstrates the expected understanding of the content area/ skill. Student functions with minimal teacher assistance and support.</p> <p>2 - Student demonstrates partial understanding of the content area/skill. Student requires frequent teacher assistance and support.</p> <p>1 - Student demonstrates limited understanding of the content area/skill. Student requires intensive teacher assistance, direction and support.</p>
1. ○ ○ ○ ○ ○	11. ○ ○ ○ ○ ○	21. ○ ○ ○ ○ ○																														
2. ○ ○ ○ ○ ○	12. ○ ○ ○ ○ ○	22. ○ ○ ○ ○ ○																														
3. ○ ○ ○ ○ ○	13. ○ ○ ○ ○ ○	23. ○ ○ ○ ○ ○																														
4. ○ ○ ○ ○ ○	14. ○ ○ ○ ○ ○	24. ○ ○ ○ ○ ○																														
5. ○ ○ ○ ○ ○	15. ○ ○ ○ ○ ○	25. ○ ○ ○ ○ ○																														
6. ○ ○ ○ ○ ○	16. ○ ○ ○ ○ ○																															
7. ○ ○ ○ ○ ○	17. ○ ○ ○ ○ ○																															
8. ○ ○ ○ ○ ○	18. ○ ○ ○ ○ ○																															
9. ○ ○ ○ ○ ○	19. ○ ○ ○ ○ ○																															
10. ○ ○ ○ ○ ○	20. ○ ○ ○ ○ ○																															
<p>Produces Meticulous Work</p> <p style="text-align: right;">_____ %</p> <p><u>On your packet, make sure you:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Carefully read all directions. <input type="checkbox"/> Mark up every question. (Underline key words) <input type="checkbox"/> Show your work for every question. <input type="checkbox"/> Prove answers right or wrong. Use neat handwriting. 	<ul style="list-style-type: none"> ✓ + + (100%) Student consistently uses strategies on every problem and work is organized and meticulous ✓ + (90%) Student consistently uses strategies on every problem and work is meticulous ✓ □ (80%) Student uses strategies on every problems and work is average ✓ - (70%) Student uses strategies on most problems, but work is below average. ✓ - - (60%) Student uses strategies inconsistently. 																															

Parent Signature (sign after grade is received): _____



1) A box of granola bars contained 12 individual granola bars. Hector and his friend ate 4 of the granola bars after school. What fraction of the box of granola bars did they eat?

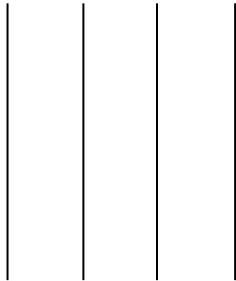
- a) $\frac{1}{4}$
- b) $\frac{1}{3}$
- c) $\frac{1}{2}$
- d) $\frac{2}{3}$

2) Which picture shows $\frac{1}{3}$ shaded?



3) Which of the following correctly compares 13.4 and 31.5?

- a. >
- b. <
- c. =



4) How should the population of Orange County be read?

North Carolina Counties

County	Population
Hyde	5,900
Mitchell	14,300
Northampton	22,800
Orange	80,900

- a) eighty thousand nine hundred
- b) eight thousand nine hundred
- c) eight hundred nine thousand
- d) eight hundred thousand ninety

5) In a long jump competition, Aniyah jumped 13.54 feet, Najiyah jumped 13.51 feet, Saniya jumped 13.45 feet, and Darius jumped 13.5 feet. Which competitor jumped the greatest distance?

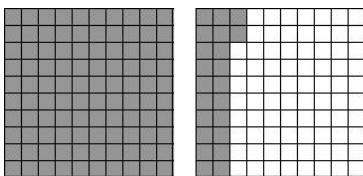
- a) Aniyah
- b) Najiyah
- c) Saniya
- d) Darius

Note: MUST ROLL/Annotate!

6) Kamari bought 5 boxes of Hershey bars and his friend Jhosmar bought 9 boxes of Starburst. Each box of Hershey bars has 16 bars and each box of Starburst has 5 Starburst. What is the total number of Hershey Bars and Starburst they bought together?

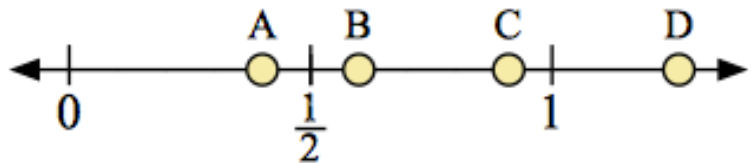
- a. 224
- b. 35
- c. 125
- d. 70

7) Which of the following amounts is **less than** the amount shown below?



- a) 1.20
- b) 1.3
- c) 1.22
- d) 1.50

8) Label the number line with your benchmark decimals. Determine which letter corresponds with the decimal given.



Which letter best represents 0.6?

- a) A
- b) B
- c) C
- d) D

<p>9) Teresa and Mariah wanted to see who could bake the most cookies. Ami baked $16\frac{3}{6}$ cookies and zaniya baked $12\frac{5}{6}$ cookies. How many more cookies did Teresa bake than zaniya?</p>	<p>a. $3\frac{1}{3}$</p> <p>b. $3\frac{2}{3}$</p> <p>c. $29\frac{1}{3}$</p> <p>d. $29\frac{2}{3}$</p>

10) Kayla baked 120 cookies for the Pride to share. If she used 6 pans to bake the cookies, what equation could be used to find c , the number of cookies on each pan?

a. $120 \times c = 6$

b. $6 \div c = 120$

c. $6 \times c = 120$

d. $6 + c = 120$

11) A car weighs about 2,142 pounds. Which of the following amounts is equal to the amount a car weighs?

a) 2 thousands, 14 hundreds, and 2 ones

b) 2 thousands, 14 tens, and 12 ones

c) 1 thousand, 11 hundreds, 42 ones

d) 1 thousand, 11 hundreds, 42 tens

12) Ms. Cheek has 270 pieces of fruit at her fruit stand. She sells pears and apples by the basket. If there are 2 baskets of pears, and 4 baskets of apples, and an equal number of pieces of fruit in each basket, how many pieces of fruit are in each basket?

- a. 40 pieces
- b. 45 pieces
- c. 50 pieces
- d. 277 pieces

13) How is 40.08 written in word form?

- a) Four and eight tenths
- b) Four and eight hundredths
- c) Forty and eight tenths
- d) Forty and eight hundredths

14) Which of the following shows another way to write the number 8?

- a. $\frac{3}{8}$ of 24
- b. $\frac{2}{4}$ of 16
- c. $\frac{2}{5}$ of 25
- d. $\frac{3}{4}$ of 8

15) Mr. Cirino ate $\frac{5}{8}$ of a pizza. Mr. Marshall ate less of the pizza than Mr. Cirino. Which of the following could be an amount of pizza Mr. Marshall ate?

- a. $\frac{3}{4}$
- b. $\frac{10}{12}$
- c. $\frac{3}{6}$
- d. $\frac{7}{8}$

16) Which of these is a factor of 24 and 16?

- a. 8
- b. 3
- c. 2
- d. 4

17) Jasmine has 23 stickers and 7 friends if she wants to give every friend the same amount of stickers how many stickers would she have left over?

- a. 3 stickers
- b. 2 stickers
- c. 7 stickers
- d. 21 stickers

18) Which of the following shows the difference of $5\frac{3}{8}$ and $2\frac{5}{8}$?

- a. $2\frac{3}{4}$
- b. 8
- c. $3\frac{1}{4}$
- d. $3\frac{1}{8}$

19) Which amount is equal to 30 tens? **CHANGE EACH CHOICE TO STANDARD FORM.**

- a. 30 hundreds
- b. 30 ones
- c. 3 hundreds
- d. 300 tens

20) Which of the following is an example of a prime number? ***must solve every answer choice***

- a. 4
- b. 8
- c. 10
- d. 11

21) What is the estimated product of 23 and 45?

- a. 1,500
- b. 800
- c. 1,000
- d. 1,035

22) Ami wanted to organize some of her lego's. She had 9 red legos, 5 blue legos, 7 green legos . and 6 yellow lego's What fraction of Ami's legos were red or yellow?

a. $\frac{9}{27}$

b. $\frac{14}{27}$

c. $\frac{15}{27}$

d. $\frac{2}{9}$

23) Ivin wanted to organize some of his sneakers. He had 8 pairs of Adidas, 4 pairs of Nike, and 3 pairs of Jordan's. What fraction of Alvin sneakers were Adidas or Nike?

a. $\frac{4}{8}$

b. $\frac{4}{12}$

c. $\frac{8}{15}$

d. $\frac{12}{15}$

24) Which of the following correctly shows the following improper fraction represented by the picture below?



a. $\frac{7}{3}$

b. $2\frac{7}{3}$

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

d. $\frac{7}{9}$

----- Flip to find question 25-----

25) Ms. Gordon read for $3\frac{2}{6}$ hours on Saturday and for $4\frac{3}{6}$ hours on Sunday. Which of the following amounts shows the amount that Ms. Gordon read over the weekend?

- a. Between 7 and $7\frac{1}{2}$
- b. Between $7\frac{1}{2}$ and 8
- c. Between 8 and $8\frac{1}{2}$
- d. Between $8\frac{1}{2}$ and 9

*****These problems are above and beyond questions to sharpen your skills when we return on April 7th. If we were to be out longer than through April 7th for any reason, these are no longer Above and Beyond and should be completed by all students.*****

Convert mixed numbers to improper fractions

Grade 4 Fractions Worksheet

Convert.

1. $1\frac{2}{12} =$ _____ 2. $1\frac{4}{5} =$ _____ 3. $1\frac{4}{8} =$ _____

4. $3\frac{1}{3} =$ _____ 5. $2\frac{3}{10} =$ _____ 6. $2\frac{2}{5} =$ _____

7. $1\frac{5}{12} =$ _____ 8. $1\frac{5}{8} =$ _____ 9. $3\frac{2}{4} =$ _____

10. $3\frac{7}{10} =$ _____ 11. $2\frac{1}{5} =$ _____ 12. $2\frac{1}{2} =$ _____

13. $3\frac{3}{6} =$ _____ 14. $3\frac{7}{8} =$ _____ 15. $2\frac{4}{12} =$ _____

MORE ABOVE AND BEYOND... Flip over





Convert fractions to decimals

Grade 4 Fractions Worksheet

Convert.

1. $\frac{9}{10} =$ _____

2. $\frac{98}{100} =$ _____

3. $\frac{3}{10} =$ _____

4. $\frac{1}{100} =$ _____

5. $\frac{7}{10} =$ _____

6. $\frac{76}{100} =$ _____

7. $\frac{37}{100} =$ _____

8. $\frac{4}{10} =$ _____

9. $\frac{97}{100} =$ _____

10. $\frac{6}{10} =$ _____

11. $\frac{23}{100} =$ _____

12. $\frac{30}{100} =$ _____

Above and beyond: Visit some of the websites below to practice your math skills!

Fractions: <http://www.sheppardsoftware.com/math.htm>

Mixed Operation Practice: <http://www.coolmath4kids.com/>

<http://www.kidsnumbers.com/>