|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Word Problems** | Number on Unit Test | ACE Questions | VIDEO Instruction or NOTES for  **Bits and Pieces 2 UNIT TEST PREP** | ONLINE PRACTICE |
| Add  Fractions | 1a | Page 25/  2-6 | <http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-751s.html>  <http://www.mathplayground.com/howto_fractions_diffden.html>  <http://www.onlinemathlearning.com/fraction-word-problems-videos.html> | <http://www.ixl.com/math/grade-6/add-and-subtract-mixed-numbers-word-problems>  http://www.math-play.com/Adding-Fractions-Game.html |
| Subtract  Fractions | 1b, 2b | Page 25/  2-6 | http://www.phschool.com/atschool/academy123/english/academy123\_content/wl-book-demo/ph-809s.html | http://www.ixl.com/math/grade-6/add-and-subtract-fractions-with-unlike-denominators |
| Multiply  Fractions | 2a, 2c | Page 40-41/ 2 & 8  Page 35/  B1, B2  Page 45/  #38 | <http://www.onlinemathlearning.com/fraction-word-problems-videos-2.html>  Multiplying Fractions DEVELOPMENTALLY! Tips, step by step, and Video  <http://www.mathexpression.com/multiplying-fractions.html>  Advanced Multiplication of Fractions Video (cross simplification) Video and Practice  <http://www.mathexpression.com/how-to-multiply-fractions.html> | <http://www.ixl.com/math/grade-6/multiply-mixed-numbers-word-problems>  http://www.math-play.com/Multiplying-Fractions-Millionaire/Multiplying-Fractions-Millionaire.html  <http://www.ixl.com/math/grade-6/multiply-fractions-word-problems>  <http://www.ixl.com/math/grade-6/multiply-fractions-with-models>  <http://www.ixl.com/math/grade-6/fractions-of-a-number-word-problems> |
| Divide Fractions | 3, 4 | Page 57/  11 & 12  Page52/  A, B |  | <http://www.ixl.com/math/grade-6/divide-by-fractions-with-models>  <http://www.ixl.com/math/grade-6/divide-fraction>  <http://www.ixl.com/math/grade-6/divide-fractions-and-mixed-numbers-word-problems>  <http://www.ixl.com/math/grade-6/recipes-with-fractions-and-mixed-numbers> |
| **SKILLS** |  |  |  | http://www.math-play.com/Fractions-Jeopardy/fractions-jeopardy.html |
| Add  Fractions | 7, 9 | Page 26/ 19a, 19b  Page 46/  40, 41, 42 | <http://www.onlinemathlearning.com/add-mixed-numbers-2.html>  How to ADD Fractions: Video and Practice  <http://www.mathexpression.com/how-to-add-fractions.html> | <http://amby.com/educate/math/frac-add.html>  <http://www.mathplayground.com/fractions_add.html>  <http://phschool.com/webcodes10/index.cfm?fuseaction=home.gotoWebCode&wcprefix=ama&wcsuffix=4254>  <http://nlvm.usu.edu/en/nav/frames_asid_106_g_3_t_1.html?from=grade_g_3.html>  <http://www.aaamath.com/fra66dx2.htm>  <http://www.aaamath.com/fra66kx2.htm>  <http://www.visualfractions.com/AddUnlike/addunlike.html> |
| Subtract  Fractions | 5, 10 | Page 46/  43, 44, 45  Page 26/  19C | <http://www.onlinemathlearning.com/subtracting-mixed-numbers-3.html>  How to Subtract Fractions: Video and Practice  <http://www.mathexpression.com/subtracting-fractions.html> | <http://www.mathplayground.com/fractions_sub.html>  <http://www.aaamath.com/fra66lx2.htm>  <http://www.aaamath.com/fra66ex2.htm>  <http://www.visualfractions.com/subtract.htm>  http://amby.com/educate/math/frac-sub.html |
| Multiply  Fractions | 6, 11 | Page 60/  #37c & #40a, 40c | <http://www.onlinemathlearning.com/multiplying-mixed-numbers-2.html>  <http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-810s.html>  http://www.phschool.com/atschool/academy123/english/academy123\_content/wl-book-demo/ph-811s.html | <http://www.mathplayground.com/fractions_mult.html>  <http://phschool.com/webcodes10/index.cfm?fuseaction=home.gotoWebCode&wcprefix=ama&wcsuffix=4354>  <http://nlvm.usu.edu/en/nav/frames_asid_194_g_3_t_1.html?from=grade_g_3.html>  <http://www.aaamath.com/fra66mx2.htm>  http://amby.com/educate/math/frac-mul.html |
| Divide Fractions | 8, 12 | Page 58/15-20  Page 60/  #37abc  #40bdef | <http://www.onlinemathlearning.com/dividing-mixed-numbers.html>  Dividing Fractions: Video, Tips, Lesson  <http://www.mathexpression.com/dividing-fractions.html>  <http://www.mathplayground.com/howto_divide_fractions.html>  & Advanced methods for dividing: <http://www.mathexpression.com/how-to-divide-fractions.html>  Dividing Fractions  <http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-812s.html>  Dividing Mixed Fractions  <http://www.phschool.com/atschool/academy123/english/academy123_content/wl-book-demo/ph-813s.html> | <http://www.mathplayground.com/fractions_div.html>  <http://phschool.com/webcodes10/index.cfm?fuseaction=home.gotoWebCode&wcprefix=ama&wcsuffix=4454>  <http://nlvm.usu.edu/en/nav/frames_asid_265_g_3_t_1.html?open=activities&from=grade_g_3.html>  <http://www.aaamath.com/fra66px2.htm>  <http://www.aaamath.com/fra-div-mixed.htm>  <http://www.math.com/school/subject1/practice/S1U4L5/S1U4L5Pract.html>  <http://amby.com/educate/math/frac-div.html> |
| **Vocabulary Use** | 9, 10, 11, 12 | Product  Quotient  Sum  Difference | <http://connectedmath.msu.edu/parents/help/6/bitsii_concept.pdf> |  |
| **Selected ACE questions and ANSWERS** |  |  | <http://connectedmath.msu.edu/parents/help/6/bitsii_ace.pdf> |  |

The Unit Test is scheduled for May 1. Students must be able to understand and complete each of the problems listed on this Unit Plan. Additional help is offered every morning and at Tuesday Tutoring. Students are welcome to work in my room at lunch if they need extra time to complete their work. **I have time scheduled IN CLASS to complete the Unit Test Study guide, however, some students may need additional time at home, especially if they miss a day of class.**

ANSWERS: Adding & Subtracting Fractions word problems page 25/2-6

Page 25#2 a) 1/8 + 1/16 **= 3/16 of the page is used for ads**

Page 25#2 b) 1 – 3/16 = **13/16 of the page remains**

Page 25#3) ¾ (3 X ¼) plus 4/8 (4 X 1/8) plus 10/16 (10 X 1/16) = **1 7/8 pages**

Page 25#4) 2 ¾ - 1 5/8 = **1 1/8 pages**

Page 25#5) 1/16 + 1/32 = **3/32 of the lasagna is eaten, leaving 29/32 of the lasagna uneaten**

Page 25#6) ¾ + 1/8 = **7/8 of a pizza**

ANSWERS: Multipling Fractions word problems pages 40-41/2 & 8, Page 35/B1 & B2, Page 45/#38

Page 40 #2a) **= 8/15**  Page 40 #2b) **2/3 X 4/5 = 8/15**

Page 41 #8) **Aran = ½,** **Jon** = 2/3 of ½ = **2/6 or 1/3,** **Kiona** = 1/3 of ½ = **1/6**

Page 35 B1) **1/8 of a mile**  Page 35 B2) **4/15 of an acre for the kennel**

Page 45 # 38) **11/60 of the lawn still needs to be mowed**

***ANSWERS: Dividing Fractions word problems page 57/11-12, page 52/A & B***

Page 57 #11a) 7/9 divided by 1/3 = **2 1/3 lattes, which means 2 full lattes and 1/3 of another**

Page 57 # 11b) 5/6 divided by 2/6 = **2 ½ lattes, which means 2 full lattes and ½ of another**

Page 57 # 11c) 3 2/3 divided by 1/3 = **11 lattes**

Page 52 A)1/2 yard divided by 1/6 yard needed per badge= enough for **3 badges exactly**

Page 52 B)3/4 yard divided by 1/6 yard needed per badge= enough for **4 ½ badges, which means enough for 4 WHOLE badges and enough left over for only ½ of a badge**

Adding Fractions SKILLS without word problems: Page 26/19A, 19B & page 46/40-42

Page 26 #19A) **N = 1 5/12** Page 26 #19B) **N = 1/20**

Page 46 #40) **6 ½** Page 46 #41) **7 1/10** Page 46 #42) **6 19/30**

Subtracting Fractions SKILLS without word problems: Page 46/43-45 & Page 26/19C

Page 46 #43) **2 23/24** Page 46 #44) **2 9/10** Page 46 #45) **4 1/15**

Page 26 #19C) **N = 17/20**

Multiplying Fractions SKILLS without word problems: Page 60/#37C, 40A, 40C

Page 60 #37C) **½ and 2**

Page 60 #40A) **N = 2/3**

Page 60 #40C) **N = 2/3**

Dividing Fractions SKILLS without word problems: Page 60/#37AB, #40bdef, page 58/15-20

Page 60 #37A) **1/3 and 3** Page 60 #37B) **¼ and 4** Page 60 #40b) **N = 2/15**

Page 60 #40d) **N = 3/5** Page 60 #40e) **N = 7** Page 60 #40f) **N = 1/3**

Page 58/15 = **15** Page 58/16 **= 6 2/3** Page 58/17 = **3/14** Page 58/18 = **3/20**

Page 58/19 = **1 1/5** Page 58/20= **1 7/8**