

Multiplying Fractions

Aug 24-7:53 AM

Dividing Fractions

Adding Fractions

Aug 24-7:53 AM

Subtracting Fractions

Adding (or subtracting) fraction when the denominators are not equal = LCD!!!

Aug 24-7:53 AM

Aug 24-7:53 AM

Aug 24-7:54 AM

August 28, 2018

simplify

1)  $8 \cdot (1/3) = \frac{8}{1} \cdot \frac{1}{3} = \frac{8}{3}$

2)  $(1/6) / (1/3) = \frac{1}{6} \cdot \frac{3}{1} = \frac{1}{2}$

3)  $1/3 + 2/3 = \frac{1}{3} + \frac{2}{3} = \frac{3}{3} = 1$

4)  $1/6 - 2/3 = \frac{1}{6} - \frac{4}{6} = -\frac{3}{6} = -\frac{1}{2}$

Aug 27-10:03 AM

Quiz Review

5)  $-x + \frac{x}{3} = -4$   
 $\frac{-3x + x}{3} = -12$   
 $\frac{-2x}{3} = -12$   
 $-2x = -36$   
 $x = 18$

3)  $8(\frac{k}{8}) = 218$   
 $k = 16$

15)  $1 - 2x = -7x - 9$   
 $+7x \quad +7x$   
 $\frac{1 + 5x = -9}{-1}$   
 $\frac{5x = -10}{5}$   
 $x = -2$

18)  $4(a-1) + 8(b+a) = -4$   
 $4a - 4 + 8b + 8a = -4$   
 $12a + 8b - 4 = -4$   
 $12a + 8b = 0$   
 $12a = -8b$   
 $\frac{12a}{12} = \frac{-8b}{12}$   
 $a = -\frac{2}{3}b$

17)  $7 + 8(6x+3) = 175$   
 $7 + 48x + 24 = 175$   
 $31 + 48x = 175$   
 $-31 \quad -31$   
 $\frac{48x = 144}{48}$   
 $x = 3$

Aug 28-8:53 AM



Aug 29-9:20 AM

Mario was making cookies. He mixed 2 1/2 cups of flour, 1 1/2 cups of sugar and 3/4 cup of brown sugar together in a bowl. How many cups did he have altogether?

Becky has 5 candy bars. She wants to share them with 3 friends. How much will each friend get?

**Multi-Step Problems**

Kim had 4 chocolate chip cookies and 3 sugar cookies. Kim's sister ate two of her chocolate chip cookies. How many cookies are left?

$4 + 3 - 2 = 5$

Becky gets \$5.00 a week for chores, and helps with chores for 4 weeks. If Becky wants to spend only half of her money, how much will she have left to save?

$4 + 3 - 2 = \text{becky has } 5 \text{ dollars and}$   
 $\text{has five quarters}$

Becky has 4 quarters. Becky's mom gives her 3 more. Becky spends 2 of them on candy. How many quarters does Becky have left?

$4 + 3 - 2 = \text{becky}$   
 $\text{has five quarters}$

Travis has 13 pieces of gum that he wants to share with his 2 friends. If Travis and his friends split the gum equally, how many pieces will they each get?

$\frac{13}{2} = 6.5$

friend friend T  
 |||| |||| |

They each get 4 pieces and there is 1 left.  
 $\frac{13}{2} = 6.5 = 6 \frac{1}{2}$

Aug 24-7:51 AM

Mario was making cookies. He mixed 2 1/2 cups of flour, 1 1/2 cups of sugar and 3/4 cup of brown sugar together in a bowl. How many cups did he have altogether?

Becky has 5 candy bars. She wants to share them with 3 friends. How much will each friend get?

**Multi-Step Problems**

Kim had 4 chocolate chip cookies and 3 sugar cookies. Kim's sister ate two of her chocolate chip cookies. How many cookies are left?

Becky gets \$5.00 a week for chores, and helps with chores for 4 weeks. If Becky wants to spend only half of her money, how much will she have left to save?

Becky has 4 quarters. Becky's mom gives her 3 more. Becky spends 2 of them on candy. How many quarters does Becky have left?

Travis has 13 pieces of gum that he wants to share with his 2 friends. If Travis and his friends split the gum equally, how many pieces will they each get?

John 64

Joe 15

Aug 24-7:51 AM

Fraction Word Problems

#1 Jessica bought 8/9 of a pound of chocolate and ate 1/3 of a pound. How much was left? $\frac{8}{9} - \frac{1}{3} = \frac{8}{9} - \frac{3}{9} = \frac{5}{9}$	#2 Tom bought a board that was 7/8 of a yard long. He cut off 1/2 of a yard. How much was left? $\frac{7}{8} - \frac{1}{2} = \frac{7}{8} - \frac{4}{8} = \frac{3}{8}$
#3 Sam walked 2/5 of a mile and then walked another 3/4 of a mile. How far did he travel? $\frac{2}{5} + \frac{3}{4} = \frac{8}{20} + \frac{15}{20} = \frac{23}{20}$	#4 Sally walked 3/4 of a mile before lunch and 1/2 of a mile after lunch. How far did she walk in all? $\frac{3}{4} + \frac{1}{2} = \frac{3}{4} + \frac{2}{4} = \frac{5}{4} = 1 \frac{1}{4}$
#5 Dora bought 3/4 of a pound of jelly beans and 3/8 of a pound of gummy bears. How much candy did he buy? $\frac{3}{4} + \frac{3}{8} = \frac{6}{8} + \frac{3}{8} = \frac{9}{8} = 1 \frac{1}{8}$	#6 The track is 3/5 of a mile long. How many times did he run around it twice, how far did he run? $\frac{3}{5} \times 2 = \frac{6}{5} = 1 \frac{1}{5}$
#7 Which apple weighs more, one that weighs 2/3 of a pound or one that weighs 5/6 of a pound? $\frac{2}{3} = \frac{4}{6} < \frac{5}{6}$	#8 Stanley ordered two pizzas cut into eighths. If he ate 5/8 of a pizza, how much was left? $2 - \frac{5}{8} = \frac{16}{8} - \frac{5}{8} = \frac{11}{8} = 1 \frac{3}{8}$
#9 Sandra bought 2 1/4 yards of fabric and 1 1/4 of blue. How much fabric did she buy in all? $2 \frac{1}{4} + 1 \frac{1}{4} = 4$	#10 An equilateral triangle measures 3 1/2 inches on one side. What is the perimeter of the triangle? $3 \frac{1}{2} \times 3 = 10 \frac{1}{2}$

Developer: Kim Craig, Teaching Resources (http://www.tes.com/teacher/kim-craig)

Aug 24-9:13 AM

August 29, 2018

Write a fraction you can

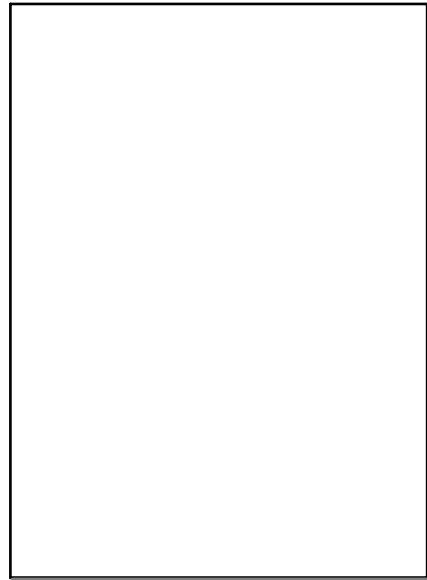
- add
- subtract
- multiply
- divide

That is four different problems...

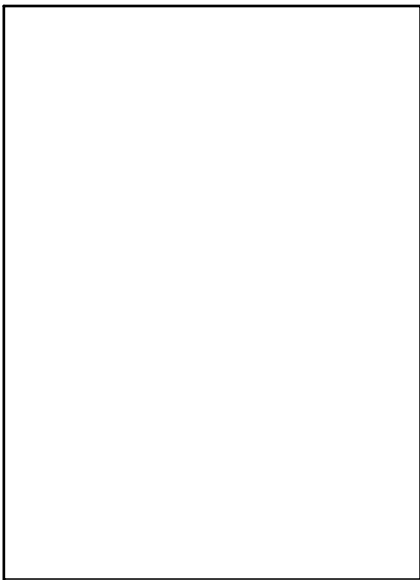
Aug 27-7:43 AM



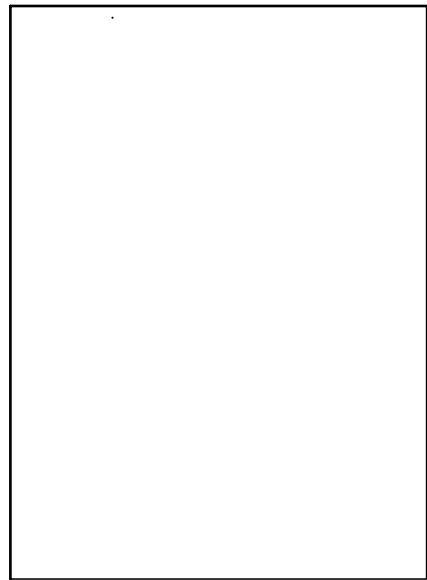
Aug 24-9:15 AM



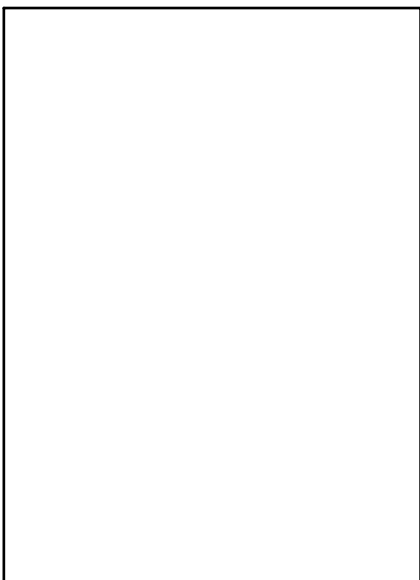
Aug 24-9:15 AM



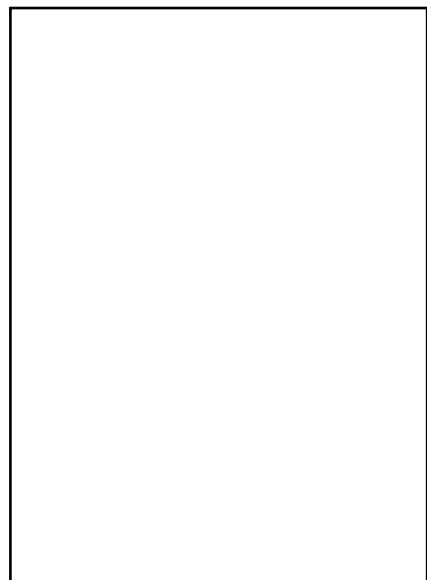
Aug 24-9:17 AM



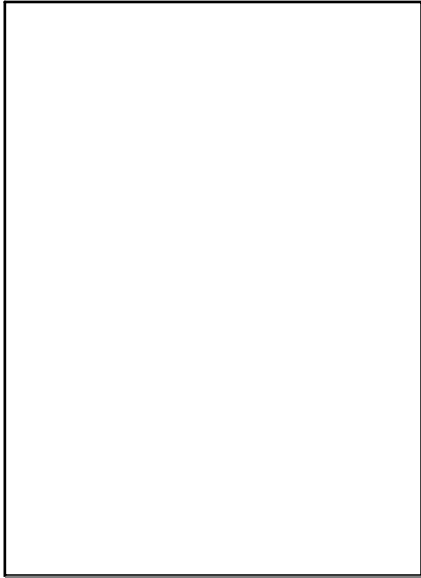
Aug 24-9:17 AM



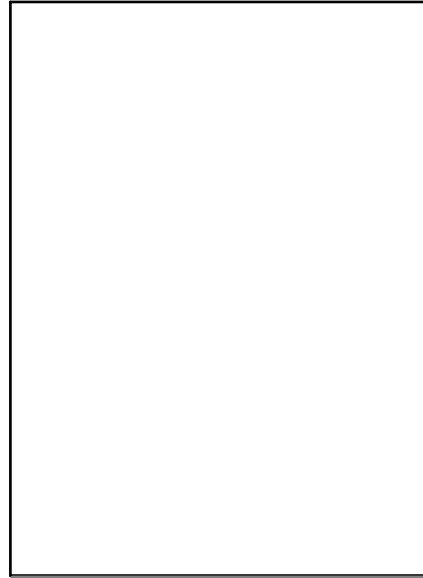
Aug 24-9:17 AM



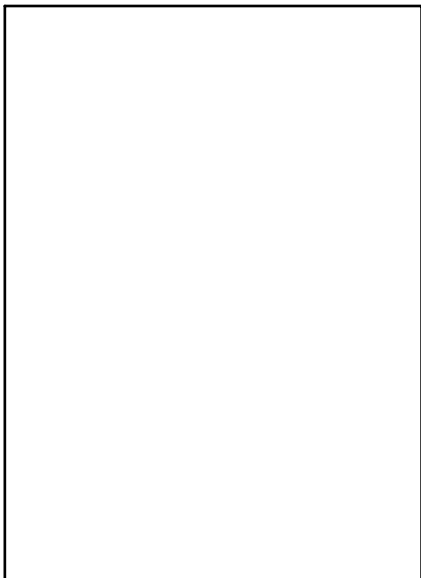
Aug 24-9:17 AM



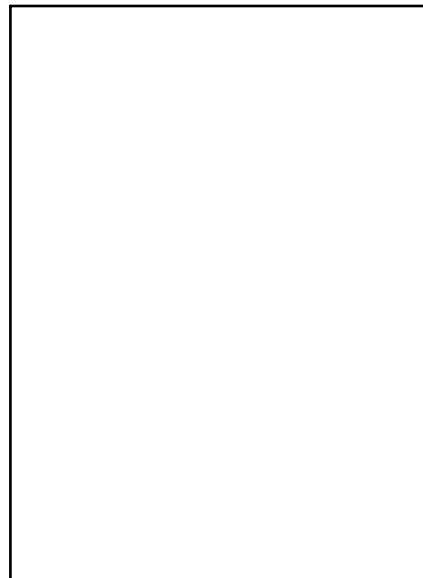
Aug 24-9:18 AM



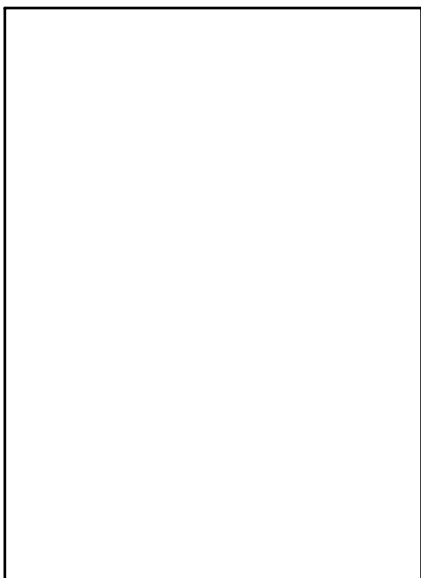
Aug 24-9:21 AM



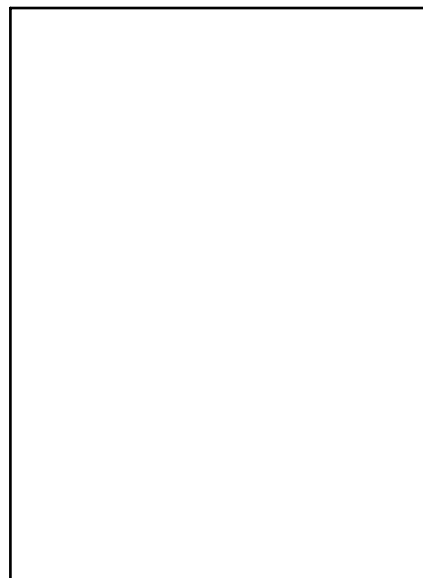
Aug 24-9:22 AM



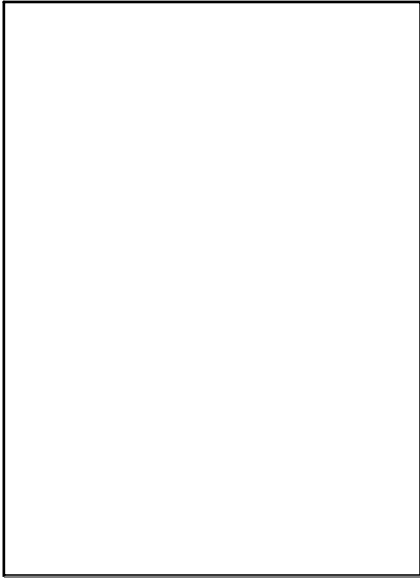
Aug 24-9:22 AM



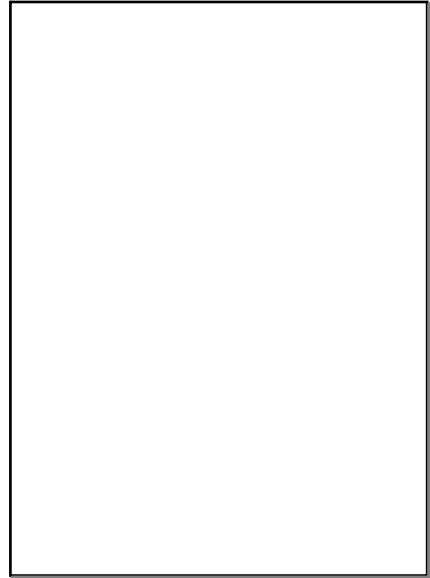
Aug 24-9:23 AM



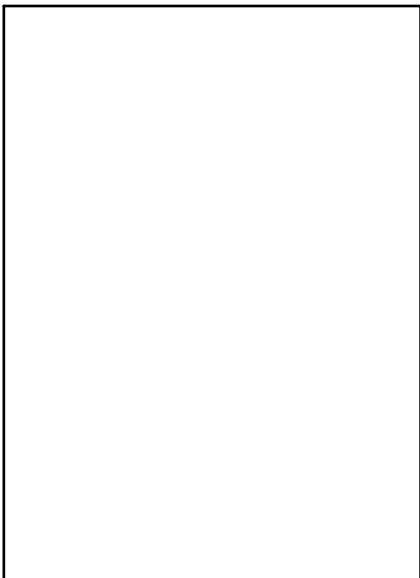
Aug 24-9:24 AM



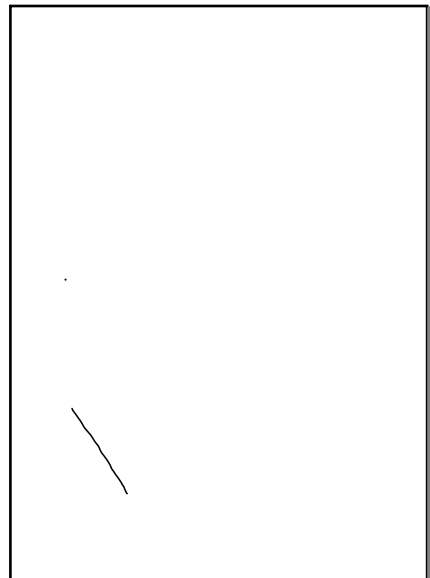
Aug 24-9:25 AM



Aug 24-9:26 AM



Aug 24-9:26 AM



Aug 24-9:27 AM