	Adding & Subtracting Fractions Name:	
Solv	e each problem.Write the answer as an improper fraction (if possible).	Answers
1)	Tom bought a box of fruit that weighed $3\frac{5}{6}$ kilograms. If he bought a second box that weighed $3\frac{5}{6}$ kilograms, what is the combined weight of both boxes?	1
2)	On Monday Nancy spent $2^{6}/_{10}$ hours studying. On Tuesday she spent another $3^{7}/_{10}$ hours studying. What is the combined length of time she spent studying?	2 3
3)	A small box of nails was $6\frac{6}{8}$ inches tall. If the large box of nails was $8\frac{7}{8}$ inches taller, how tall is the large box of nails?	4 5
4)	An architect built a road 2^{9}_{10} miles long. The next road he built was 7^{7}_{10} miles long. What is the combined length of the two roads?	6. 7.
5)	Haley walked $5\frac{7}{8}$ miles in the morning and another $4\frac{5}{8}$ miles in the afternoon. What was the total distance she walked?	8. 9.
6)	A restaurant had $4\frac{1}{2}$ gallons of soup at the start of the day. By the end of the day they had $2\frac{1}{2}$ gallons left. How many gallons of soup did they use during the day?	10
7)	For Halloween, Emily received $6^{5/10}$ pounds of candy. After a week her family had eaten $5^{1/10}$ pounds. How many pounds of candy does she have left?	
8)	A coach filled up a cooler with water until it weighed $18\frac{2}{9}$ pounds. After the game the cooler weighed $3\frac{2}{9}$ pounds. How many pounds lighter was the cooler after the game?	
9)	Over the weekend Bianca spent $4\frac{3}{5}$ hours total studying. If she spent $2\frac{2}{5}$ hours studying on Saturday, how long did she study on Sunday?	
10)	Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up $6^{2}/_{10}$ bags and her friend picked up $5^{1}/_{10}$ bags. How much more did Rachel pick up, then her friend?	

Math

	Name: Answ	ver Key
Solv	e each problem.Write the answer as an improper fraction (if possible).	Answers
1)	Tom bought a box of fruit that weighed $3\frac{5}{6}$ kilograms. If he bought a second box that	
	weighed $3\frac{5}{6}$ kilograms, what is the combined weight of both boxes?	1. 46 6
		63 /
		2. <u>10</u>
2)	On Monday Nancy spent $2^{6}/_{10}$ hours studying. On Tuesday she spent another $3^{7}/_{10}$ hours	125 /
	studying. What is the combined length of time she spent studying?	38
		106
2)	6	4. 10
3)	A small box of nails was $6\frac{6}{8}$ inches tall. If the large box of nails was $8\frac{7}{8}$ inches taller, how tall is the large box of nails?	84
	tan is the large box of hans?	58
		6. 4/2
4)	An architect built a road 2^{9}_{10} miles long. The next road he built was 7^{7}_{10} miles long. What	0
	is the combined length of the two roads?	7. ¹⁴ / ₁₀
		135 /
		89
5)	Haley walked $5\frac{7}{8}$ miles in the morning and another $4\frac{5}{8}$ miles in the afternoon. What was	11/
	the total distance she walked?	95
		11/
0		10. 10
6)	A restaurant had $4\frac{1}{2}$ gallons of soup at the start of the day. By the end of the day they had $2\frac{1}{2}$ gallons left. How many gallons of soup did they use during the day?	
	27_2 galons left. How many galons of soup and mey use during the day?	
7)	For Halloween, Emily received $6\frac{5}{10}$ pounds of candy. After a week her family had eaten	
	$5^{1}/_{10}$ pounds. How many pounds of candy does she have left?	
8)	A coach filled up a cooler with water until it weighed $18\frac{2}{9}$ pounds. After the game the	
	cooler weighed $3^2/_9$ pounds. How many pounds lighter was the cooler after the game?	
9)	Over the weekend Bianca spent $4\frac{3}{5}$ hours total studying. If she spent $2\frac{2}{5}$ hours studying	
- 1	on Saturday, how long did she study on Sunday?	
10)	Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up	
	$6^{2}/_{10}$ bags and her friend picked up $5^{1}/_{10}$ bags. How much more did Rachel pick up, then	
	her friend?	

Math

$\frac{46}{7_0}$ $\frac{1}{7_2}$ $\frac{106}{10}$ $\frac{11}{7_3}$ $\frac{11}{7_{10}}$ $\frac{1}{7_{10}}$ $\frac{125}{8}$ $\frac{135}{9}$ $\frac{84}{7}$ $\frac{11}{7_{10}}$ 1)Tom bought a box of fruit that weighed $\frac{3}{7}_{6}$ kilograms. If he bought a second box that weighed $\frac{3}{7}_{6}$ kilograms, what is the combined weight of both boxes?2.(LCM - 6)3.3.4.2)On Monday Nancy spent $\frac{2}{7}_{10}$ hours studying. On Tuesday she spent another $\frac{3}{7}_{10}$ hours studying. What is the combined length of time she spent studying?4.(LCM = 6)5.5.3)A small box of nails was $\frac{6}{7}_{6}$ inches tall. If the large box of nails was $\frac{8}{8}_{8}$ inches taller, how tall is the large box of nails?6.(LCM = 8)6.7.4)An architect built a road $\frac{2}{7}_{10}$ miles long. The next road he built was 7^{7}_{10} miles long. What is the combined length of the two roads?8.(LCM = 10)5.9.5)Haley walked $5^{7}_{4}_{4}$ gallons of soup at the start of the day. By the end of the day they had $\frac{2}{7}_{4}$ gallons of soup did they use during the day?10.(LCM = 8)6.10.6)A coach filled up a cooler with water until it weighed 18^{7}_{4} pounds. After the game the cooler weighed $\frac{3}{7}_{4}$ pounds. How many pounds of candy does she have left?(LCM = 9)9.9)Over the weekend Bianca spent $\frac{4}{7}_{5}$ hours total studying. If she spent $\frac{2}{7}_{5}$ hours studying on Saturday, how long did she study on Sunday?10)Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up $\frac{6'_{10}}{7}_{10}$			Adding &	Subtracting Fract	ions	Name:						
s'_{10} $12s'_{8}$ $13s'_{9}$ st'_{8} $1t'_{10}$ 1)Tom bought a box of fruit that weighed $3t'_{6}$ kilograms. If he bought a second box that weighed $3t'_{6}$ kilograms, what is the combined weight of both boxes? $(LCM = 6)$ 22)On Monday Nancy spent $2t'_{10}$ hours studying. On Tuesday she spent another $3t'_{10}$ hours studying. What is the combined length of time she spent studying? $(LCM = 10)$ 4.3)A small box of nails was $6t'_{8}$ inches tall. If the large box of nails was $8t'_{8}$ inches taller, how tall is the large box of nails? $(LCM = 8)$ 6.4)An architect built a road $2t'_{10}$ miles long. The next road he built was $7t'_{10}$ miles long. What is the combined length of the two roads? $(LCM = 10)$ 8.5)Haley walked $5t'_{6}$ miles in the morning and another $4t'_{8}$ miles in the afternoon. What was the total distance she walked? $(LCM = 8)$ 9.6)A restaurant had $4t'_{2}$ gallons of soup at the start of the day. By the end of the day they had $2t'_{6}$ pounds. How many gallons of soup did they use during the day? $(LCM = 10)$ 10.7)For Halloween, Emily received $6t'_{10}$ pounds of candy. After a week her family had eaten $5t'_{10}$ pounds. How many pounds of candy does she have left? $(LCM = 10)$ 8)A coach filled up a cooler with water until it weighed $18t'_{4}$ pounds. After the game? $(LCM = 9)$ 9)Over the weekend Bianca spent $4t'_{4}$ hours total studying. If she spent $2t'_{5}$ hours studying on Saturday, how long did she study on Sunday? $(LCM = 5)$ 9)Over the weekend Bianca spent $4t'_{5}$ hours total studying. If she spent $2t'_{5}$ hours studying on Saturday,	Solv											
n_{10} $12s_8$ $13s_4$ st_5 t_{10} 1) Tom hought a box of fruit that weighed $3s_6'$ kilograms. If he hought a second box that weighed $3s_6'$ kilograms, what is the combined weight of both boxes? $(LCM = 6)$ 22) On Monday Nancy spent $2s_{10}'$ hours studying. On Tuesday she spent another $3s_{10}'$ hours studying. What is the combined length of time she spent studying? $(LCM = 10)$ 4.3) A small box of nails was $6s_8'$ inches tall. If the large box of nails was $8s_8'$ inches taller, how tall is the large box of nails? $(LCM = 8)$ 6.4) An architect built a road $2s_{10}'$ miles long. The next road he built was $7s_{10}'$ miles long. What is the combined length of the two roads? $(LCM = 10)$ 8.5) Haley walked $5s_8'$ miles in the morning and another $4s_8'$ miles in the afternoon. What was the total distance she walked? $(LCM = 8)$ 9.6) A restaurant had $4s_2'$ gallons of soup at the start of the day. By the end of the day they had $2s_{10}'$ pounds. How many gallons of soup did they use during the day? $(LCM = 10)$ 10.8) A coach filled up a cooler with water until it weighed $18s_9'$ pounds. After the game the cooler weighed $3s_{10}'$ pounds. How many pounds lighter was the cooler after the game? $(LCM = 9)$ 9) Over the weekend Bianca spent $4s_{10}'$ hours total studying. If she spent $2s_{10}'$ hours studying on Saurday, how long did she study on Sunday? $(LCM = 5)$ 10) Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up $6s_{10}'$ bags. How much more did Rachel pick up, then her friend?	\bigcap	⁴⁶ / ₆	4/2	106/10	¹¹ / ₅	$^{11}/_{10}$						
 1) Tom bought a box of fruit that weighed 3¹/₆ kilograms. If he bought a second box that weighed 3¹/₆ kilograms, what is the combined weight of both boxes? (<i>LCM</i> = 6) 2		⁶³ / ₁₀	125/8		⁸⁴ / ₈		1					
 weighed 3⁷/₆ kilograms, what is the combined weight of both boxes? (<i>LCM</i> = 6) 3	1)		box of fruit that we	eighed $3^{5}/_{c}$ kilogram			2					
studying. What is the combined length of time she spent studying? (LCM = 10) 3. A small box of nails was $6\sqrt[5]{}_{8}$ inches tall. If the large box of nails was $8\sqrt[7]{}_{8}$ inches taller, how tall is the large box of nails? (LCM = 8) 4. An architect built a road $2\sqrt[7]{}_{10}$ miles long. The next road he built was $7\sqrt[7]{}_{10}$ miles long. What is the combined length of the two roads? (LCM = 10) 5. Haley walked $5\sqrt[7]{}_{8}$ miles in the morning and another $4\sqrt[5]{}_{8}$ miles in the afternoon. What was the total distance she walked? (LCM = 8) 6		weighed $3\frac{5}{6}$ k	3									
 tall is the large box of nails? (<i>LCM = 8</i>) An architect built a road 2⁹/₁₀ miles long. The next road he built was 7⁷/₁₀ miles long. What is the combined length of the two roads? (<i>LCM = 10</i>) Haley walked 5⁷/₈ miles in the morning and another 4⁵/₈ miles in the afternoon. What was the total distance she walked? (<i>LCM = 8</i>) A restaurant had 4¹/₂ gallons of soup at the start of the day. By the end of the day they had 2¹/₂ gallons left. How many gallons of soup did they use during the day? (<i>LCM = 2</i>) For Halloween, Emily received 6⁵/₁₀ pounds of candy. After a week her family had eaten 5¹/₁₀ pounds. How many pounds of candy does she have left? (<i>LCM = 10</i>) A coach filled up a cooler with water until it weighed 18²/₉ pounds. After the game the cooler weighed 3¹/₉ pounds. How many pounds lighter was the cooler after the game? (<i>LCM = 9</i>) Over the weekend Bianca spent 4³/₅ hours total studying. If she spent 2²/₅ hours studying on Saturday, how long did she study on Sunday? (<i>LCM = 5</i>) Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up 6²/₁₀ bags and her friend picked up 5¹/₁₀ bags. How much more did Rachel pick up, then her friend? 	2)	studying. What	 4 5 									
 is the combined length of the two roads? (<i>LCM</i> = 10) Haley walked 5⁷/₈ miles in the morning and another 4⁵/₈ miles in the afternoon. What was the total distance she walked? (<i>LCM</i> = 8) A restaurant had 4¹/₂ gallons of soup at the start of the day. By the end of the day they had 2¹/₂ gallons left. How many gallons of soup did they use during the day? (<i>LCM</i> = 2) For Halloween, Emily received 6⁵/₁₀ pounds of candy. After a week her family had eaten 5¹/₁₀ pounds. How many pounds of candy does she have left? (<i>LCM</i> = 10) A coach filled up a cooler with water until it weighed 18²/₉ pounds. After the game the cooler weighed 3²/₉ pounds. How many pounds lighter was the cooler after the game? (<i>LCM</i> = 9) Over the weekend Bianca spent 4²/₅ hours total studying. If she spent 2²/₅ hours studying on Saturday, how long did she study on Sunday? (<i>LCM</i> = 5) Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up 6²/₁₀ bags and her friend picked up 5¹/₁₀ bags. How much more did Rachel pick up, then her friend? 	3)	tall is the large	$\frac{1}{8}$ inches taller, how	6 7.								
 5) Haley walked 5⁷/₈ miles in the morning and another 4⁵/₈ miles in the afternoon. What was the total distance she walked? (<i>LCM</i> = 8) 6) A restaurant had 4¹/₂ gallons of soup at the start of the day. By the end of the day they had 2¹/₂ gallons left. How many gallons of soup did they use during the day? (<i>LCM</i> = 2) 7) For Halloween, Emily received 6⁵/₁₀ pounds of candy. After a week her family had eaten 5¹/₁₀ pounds. How many pounds of candy does she have left? (<i>LCM</i> = 10) 8) A coach filled up a cooler with water until it weighed 18²/₉ pounds. After the game the cooler weighed 3²/₉ pounds. How many pounds lighter was the cooler after the game? (<i>LCM</i> = 9) 9) Over the weekend Bianca spent 4³/₅ hours total studying. If she spent 2²/₅ hours studying on Saturday, how long did she study on Sunday? (<i>LCM</i> = 5) 10) Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up 6²/₁₀ bags and her friend picked up 5¹/₁₀ bags. How much more did Rachel pick up, then her friend? 	4)	is the combine			ad he built was $7^{7}/_{1}$	₀ miles long. What	8					
 2¹/₂ gallons left. How many gallons of soup did they use during the day? (<i>LCM</i> = 2) 7) For Halloween, Emily received 6⁵/₁₀ pounds of candy. After a week her family had eaten 5¹/₁₀ pounds. How many pounds of candy does she have left? (<i>LCM</i> = 10) 8) A coach filled up a cooler with water until it weighed 18²/₉ pounds. After the game the cooler weighed 3²/₉ pounds. How many pounds lighter was the cooler after the game? (<i>LCM</i> = 9) 9) Over the weekend Bianca spent 4³/₅ hours total studying. If she spent 2²/₅ hours studying on Saturday, how long did she study on Sunday? (<i>LCM</i> = 5) 10) Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up 6²/₁₀ bags and her friend picked up 5¹/₁₀ bags. How much more did Rachel pick up, then her friend? 	5)	the total distar										
 5¹/₁₀ pounds. How many pounds of candy does she have left? (<i>LCM</i> = 10) 8) A coach filled up a cooler with water until it weighed 18²/₉ pounds. After the game the cooler weighed 3²/₉ pounds. How many pounds lighter was the cooler after the game? (<i>LCM</i> = 9) 9) Over the weekend Bianca spent 4³/₅ hours total studying. If she spent 2²/₅ hours studying on Saturday, how long did she study on Sunday? (<i>LCM</i> = 5) 10) Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up 6²/₁₀ bags and her friend picked up 5¹/₁₀ bags. How much more did Rachel pick up, then her friend? 	6)	$2^{1/2}$ gallons lef		-		· · ·						
 cooler weighed 3²/₉ pounds. How many pounds lighter was the cooler after the game? (<i>LCM</i> = 9) 9) Over the weekend Bianca spent 4³/₅ hours total studying. If she spent 2²/₅ hours studying on Saturday, how long did she study on Sunday? (<i>LCM</i> = 5) 10) Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up 6²/₁₀ bags and her friend picked up 5¹/₁₀ bags. How much more did Rachel pick up, then her friend? 	7)	$5^{1}/_{10}$ pounds. H	-	10 -		family had eaten						
Saturday, how long did she study on Sunday? ($LCM = 5$) 10) Rachel and her friend were seeing who could pick up more bags of cans. Rachel picked up $6^{2}/_{10}$ bags and her friend picked up $5^{1}/_{10}$ bags. How much more did Rachel pick up, then her friend?	8)	cooler weighe	•		· · · · · · · · · · · · · · · · · · ·							
$6^{2}/_{10}$ bags and her friend picked up $5^{1}/_{10}$ bags. How much more did Rachel pick up, then her friend?	9)	Saturday, how		-	ing. If she spent 2^2	∕₅ hours studying on						
	10)	$6^2/_{10}$ bags and			-							