



## Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.A.1 - Worksheet #18630

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Standard: CCSS.Math.Content.5.NF.A.1

Description: Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, 2/3 + 5/4 = 8/12 + 15/12 = 23/12. (In general, a/b + c/d = (ad + bc)/bd.)

## Add improper fractions with unlike denominator:

7 21 20 7		
2.       7.         86 5       81 3         -+=       9 3         3.       8.         11 27       26 11         -+=       6 3         4.       9.         23 62       11 61        =       2 12         5.       10.         61 76       10 101        =       10 101        =       10 101        =       10 101        =       10 101        =       10 101        =       10 101        =       10 101        =       10 101	1.	6.
2.  86 5  -+-= 9 3  8.  11 27  -+-= 7 12  8.  9.  11 61  -+-= 6 9  10.  10.  10 101  -+=	7 21	20 7
2.  86 5 +-= 9 3   3.  11 27 +-= 7 12	+ =	
86 5+-= 9 3   3.  11 27+-= 7 12   9.  26 11+-= 6 9  9.  11 61+-= 2 12   5.  61 76+-=  10 101+=	3 8	3 2
86 5+-= 9 3   3.  11 27+-= 7 12   9.  26 11+-= 6 9  9.  11 61+-= 2 12   5.  61 76+-=  10 101+=		
86 5+-= 9 3   3.  11 27+-= 7 12   9.  26 11+-= 6 9  9.  11 61+-= 2 12   5.  61 76+-=  10 101+=		
86 5+-= 9 3   3.  11 27+-= 7 12   9.  26 11+-= 6 9  9.  11 61+-= 2 12   5.  61 76+-=  10 101+=		
+ = 9 3	2.	7.
+ = 9 3	86 5	81 3
3. 8. 11 27 26 11 37 38 38 38 38 38 38 38 38 38 38 38 38 38		
11       27         + =       + =         7       12         4.       9.         23       62         + =       11         6       9         11       61         + =       2         12       12	9 3	11 2
11       27         + =       + =         7       12         4.       9.         23       62         + =       11         6       9         11       61         + =       2         12       12		
11       27         + =       + =         7       12         4.       9.         23       62         + =       11         6       9         11       61         + =       2         12       12		
11       27         + =       + =         7       12         4.       9.         23       62         + =       11         6       9         11       61         + =       2         12       12		
11       27         + =       + =         7       12         4.       9.         23       62         + =       11         6       9         11       61         + =       2         12       12	3.	8.
	11 27	26 11
4.       9.         23 62       11 61        +=       6 9         5.       10.         61 76       10 101        +=       10 101		
23 62 + = 6 9 2 12 5. 5. 10. 61 76 + = 10 101 + =	7 12	6 3
23 62 + = 6 9 2 12 5. 5. 10. 61 76 + = 10 101 + =		
23 62 + = 6 9 2 12 5. 5. 10. 61 76 + = 10 101 + =		
23 62 + = 6 9 2 12 5. 5. 10. 61 76 + = 10 101 + =		
23 62 + = 6 9 2 12 5. 5. 10. 61 76 + = 10 101 + =	4.	9.
+ = 2 12  5.	23 62	
6       9         2       12         5.       10.         61       76         + =       + =		
61 76		
61 76		
61 76		
61 76		
61 76	5.	10.
+ =		
7 12		
	7 12	7 11

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