math Antics Worksheets

Name: _____

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Adding 'Like' Fractions

F-ASF 1

Instructions: Add these 'like' fractions using the procedure you learned in the video. You do **not** need to simplify you answers.

1. $\frac{2}{9} + \frac{5}{9} = \frac{7}{9}$
2. $\frac{10}{25} + \frac{4}{25} = \frac{14}{25}$
3. $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$
4. $\frac{8}{40} + \frac{15}{40} = \frac{23}{40}$
5. $\frac{5}{10} + \frac{4}{10} = \frac{9}{10}$
6. $\frac{7}{7} + \frac{1}{7} = \frac{8}{7}$
7. $\frac{1}{5} + \frac{1}{5} = \frac{2}{5}$
8. $\frac{0}{12} + \frac{10}{12} = \frac{10}{12}$
9. $\frac{4}{14} + \frac{9}{14} = \frac{13}{14}$
10. $\frac{40}{72} + \frac{21}{72} = \frac{61}{72}$
11. $\frac{3}{40} + \frac{6}{40} = \frac{9}{40}$
12. $\frac{1}{2} + \frac{8}{2} = \frac{9}{2}$
13. $\frac{9}{55} + \frac{9}{55} = \frac{18}{55}$
14. $\frac{15}{125} + \frac{45}{125} = \frac{60}{125}$
15. $\frac{11}{32} + \frac{16}{32} = \frac{27}{32}$
16. $\frac{120}{330} + \frac{55}{330} = \frac{175}{330}$
17. $\frac{50}{100} + \frac{25}{100} = \frac{75}{100}$
18. $\frac{18}{68} + \frac{32}{68} = \frac{50}{68}$
19. $\frac{1}{27} + \frac{26}{27} = \frac{27}{27} = 1$
20. $\frac{35}{512} + \frac{180}{512} = \frac{215}{512}$

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Subtracting 'Like' Fractions

F-ASF 2

Instructions: Subtract these 'like' fractions. You do **not** need to simplify your answers.

1. $\frac{7}{8} - \frac{4}{8} = \frac{3}{8}$
2. $\frac{28}{21} - \frac{8}{21} = \frac{20}{21}$
3. $\frac{5}{6} - \frac{1}{6} = \frac{4}{6}$
4. $\frac{9}{35} - \frac{6}{35} = \frac{3}{35}$
5. $\frac{12}{15} - \frac{4}{15} = \frac{8}{15}$
6. $\frac{15}{14} - \frac{5}{14} = \frac{10}{14}$
7. $\frac{10}{12} - \frac{9}{12} = \frac{1}{12}$
8. $\frac{35}{80} - \frac{15}{80} = \frac{20}{80}$
9. $\frac{9}{9} - \frac{9}{9} = \frac{0}{9} = 0$
10. $\frac{50}{100} - \frac{12}{100} = \frac{38}{100}$
11. $\frac{20}{44} - \frac{8}{44} = \frac{12}{44}$
12. $\frac{81}{91} - \frac{44}{91} = \frac{37}{91}$
13. $\frac{14}{26} - \frac{5}{26} = \frac{9}{26}$
14. $\frac{12}{50} - \frac{6}{50} = \frac{6}{50}$
15. $\frac{45}{75} - \frac{9}{75} = \frac{36}{75}$
16. $\frac{230}{245} - \frac{130}{245} = \frac{100}{245}$
17. $\frac{100}{88} - \frac{30}{88} = \frac{70}{88}$
18. $\frac{500}{675} - \frac{480}{675} = \frac{20}{675}$
19. $\frac{115}{200} - \frac{25}{200} = \frac{90}{200}$
20. $\frac{65}{48} - \frac{25}{48} = \frac{40}{48}$

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Adding and Subtracting 'Like' Fractions

F-ASF 1

Instructions: Add or subtract these 'like' fractions. Pay close attention to the sign (plus or minus). You do **not** need to simplify your answers.

1. $\frac{8}{10} - \frac{7}{10} = \frac{1}{10}$
2. $\frac{3}{25} + \frac{30}{25} = \frac{33}{25}$
3. $\frac{20}{32} + \frac{7}{32} = \frac{27}{32}$
4. $\frac{17}{30} + \frac{5}{30} = \frac{22}{30}$
5. $\frac{3}{15} + \frac{3}{15} = \frac{6}{15}$
6. $\frac{12}{16} - \frac{11}{16} = \frac{1}{16}$
7. $\frac{50}{44} - \frac{48}{44} = \frac{2}{44}$
8. $\frac{27}{79} - \frac{23}{79} = \frac{4}{79}$
9. $\frac{15}{18} + \frac{4}{18} = \frac{19}{18}$
10. $\frac{11}{22} + \frac{10}{22} = \frac{21}{22}$
11. $\frac{28}{50} - \frac{16}{50} = \frac{12}{50}$
12. $\frac{8}{46} - \frac{3}{46} = \frac{5}{46}$
13. $\frac{9}{11} - \frac{6}{11} = \frac{3}{11}$
14. $\frac{96}{136} + \frac{6}{136} = \frac{102}{136}$
15. $\frac{21}{24} + \frac{20}{24} = \frac{41}{24}$
16. $\frac{35}{98} + \frac{35}{98} = \frac{70}{98}$
17. $\frac{68}{80} - \frac{50}{80} = \frac{18}{80}$
18. $\frac{20}{31} + \frac{13}{31} = \frac{33}{31}$
19. $\frac{15}{38} + \frac{5}{38} = \frac{20}{38}$
20. $\frac{19}{19} - \frac{8}{19} = \frac{11}{19}$

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Adding and Subtracting Like Fractions (Multi-Step Problems)

F-ASF 4

Instructions: Solve these multi-step problems involving the addition and subtraction of 'like' fractions. Remember the *Order of Operations* rules. You do **not** need to simplify your answers.

1 $\frac{3}{10} + \frac{6}{10} - \frac{5}{10} = \frac{4}{10}$

$\frac{9}{10} - \frac{5}{10} =$ ↗

2 $\frac{9}{8} - \left(\frac{5}{8} + \frac{1}{8}\right) = \frac{3}{8}$

$\frac{9}{8} - \frac{6}{8} =$ ↗

3 $\frac{6}{15} + \frac{7}{15} - \frac{4}{15} = \frac{9}{15}$

$\frac{13}{15} - \frac{4}{15} =$ ↗

4 $\frac{50}{61} - \left(\frac{25}{61} - \frac{20}{61}\right) = \frac{45}{61}$

$\frac{50}{61} - \frac{5}{61} =$ ↗

5 $\frac{8}{26} + \frac{2}{26} + \frac{7}{26} = \frac{17}{26}$

$\frac{10}{26} + \frac{7}{26} =$ ↗

6 $\frac{16}{40} - \left(\frac{5}{40} + \frac{7}{40}\right) = \frac{4}{40}$

$\frac{16}{40} - \frac{12}{40} =$ ↗

7 $\frac{15}{20} + \left(\frac{35}{20} - \frac{32}{20}\right) = \frac{18}{20}$

$\frac{15}{20} + \frac{3}{20} =$ ↗

8 $\frac{11}{77} + \frac{12}{77} + \frac{13}{77} = \frac{36}{77}$

$\frac{23}{77} + \frac{13}{77} =$ ↗

9 $\frac{25}{54} - \frac{10}{54} - \frac{7}{54} = \frac{8}{54}$

$\frac{15}{54} - \frac{7}{54} =$ ↗

10 $\frac{45}{82} - \left(\frac{30}{82} + \frac{15}{82}\right) = \frac{0}{82} = 0$

$\frac{45}{82} - \frac{45}{82} =$ ↗

11 $\frac{14}{38} + \left(\frac{15}{38} - \frac{7}{38}\right) = \frac{22}{38}$

$\frac{14}{38} + \frac{8}{38} =$ ↗

12 $\frac{26}{59} - \frac{6}{59} - \frac{10}{59} = \frac{10}{59}$

$\frac{20}{59} - \frac{10}{59} =$ ↗