

Unit 1: Number Skills Day 4

Math 9 Principles

1-4: I can add or subtract two or more fractions (in mixed number form or improper).

Complete the equivalent fraction statement:

1) $\frac{1}{8} = \frac{\quad}{32}$

2) $\frac{2}{5} = \frac{\quad}{20} =$

3) $\frac{3}{4} = \frac{\quad}{24}$

4) $\frac{3}{5} = \frac{\quad}{30}$

5) $\frac{7}{8} = \frac{\quad}{40}$

6) $\frac{8}{13} = \frac{\quad}{39}$

7) $\frac{9}{11} = \frac{\quad}{66}$

8) $\frac{7}{12} = \frac{\quad}{60}$

Reduce to lowest terms.

9) $\frac{9}{12} =$

10) $\frac{27}{63} =$

11) $\frac{12}{51} =$

12) $\frac{13}{52} =$

13) $\frac{9}{15} =$

14) $\frac{18}{12} =$

15) $\frac{32}{24} =$

16) $\frac{24}{36} =$

Rewrite each question with common denominators then add or subtract as required.

17) $\frac{1}{3} + \frac{1}{4}$

18) $\frac{7}{8} - \frac{2}{3}$

19) $1\frac{1}{2} + \frac{3}{4}$

20) $\frac{8}{9} - \frac{1}{3}$

21) $2\frac{2}{3} - 1\frac{1}{2}$

22) $-\frac{3}{5} + \frac{2}{3}$

23) $-\frac{3}{5} - \frac{1}{15}$

24) $1\frac{2}{3} - 3\frac{1}{4}$

25) $1\frac{1}{4} - 2\frac{1}{3}$

26) $-1\frac{1}{4} - 2\frac{1}{5}$

27) *After using $\frac{1}{2}$ of your fuel, you use $\frac{1}{4}$ of the tank on day two, and $\frac{1}{6}$ of the tank on day 3. What fraction of the tank is left?*

28) $\frac{2}{3} + \frac{1}{2}$

29) $\frac{3}{4} + \frac{2}{3}$

30) $\frac{5}{6} - \frac{1}{2}$

31) $1\frac{1}{2} + \frac{2}{3}$

32) $2\frac{1}{2} - \frac{3}{4}$

33) $3\frac{1}{2} - 1\frac{1}{3}$

34) $\frac{5}{6} + \frac{3}{4}$

35) $1\frac{2}{3} + 2\frac{1}{4}$

36) $\frac{3}{4} - \frac{7}{8}$

37) $\frac{2}{3} - 1\frac{1}{5}$

38) $\frac{7}{8} - \frac{2}{3}$

39) $\frac{12}{5} + \frac{1}{2}$