

Name

Date



ADDING SUBTRACTING IMPROPER FRACTIONS WITH LIKE DENOMINATORS SHEET 2

- Add or subtract the fractions then simplify the answer if needed.
- Give your answer as both an improper fraction and a mixed fraction.

1) $\frac{5}{3} + \frac{4}{3} =$

2) $\frac{15}{12} - \frac{5}{12} =$

3) $\frac{15}{11} - \frac{3}{11} =$

4) $\frac{13}{9} + \frac{7}{9} =$

5) $\frac{15}{8} + \frac{7}{8} =$

6) $\frac{17}{10} - \frac{9}{10} =$

7) $\frac{29}{15} - \frac{8}{15} =$

8) $\frac{17}{12} + \frac{13}{12} =$

9) $\frac{33}{20} - \frac{21}{20} =$

10) $\frac{15}{13} + \frac{14}{13} =$

11) $\frac{26}{9} + \frac{34}{9} =$

12) $\frac{27}{13} - \frac{14}{13} =$

13) $\frac{17}{14} + \frac{19}{14} =$

14) $\frac{25}{6} - \frac{11}{6} =$

15) $\frac{29}{7} - \frac{13}{7} =$

16) $\frac{27}{4} + \frac{15}{4} =$

17) $\frac{21}{8} + \frac{17}{8} =$

18) $\frac{33}{10} - \frac{17}{10} =$



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ADDING SUBTRACTING IMPROPER FRACTIONS WITH LIKE DENOMINATORS SHEET 2 ANSWERS

$$1) \frac{5}{3} + \frac{4}{3} = \frac{9}{3} = 3$$

$$2) \frac{15}{12} - \frac{5}{12} = \frac{10}{12} = \frac{5}{6}$$

$$3) \frac{15}{11} - \frac{3}{11} = \frac{12}{11} = 1 \frac{1}{11}$$

$$4) \frac{13}{9} + \frac{7}{9} = \frac{20}{9} = 2 \frac{2}{9}$$

$$5) \frac{15}{8} + \frac{7}{8} = \frac{11}{4} = 2 \frac{3}{4}$$

$$6) \frac{17}{10} - \frac{9}{10} = \frac{8}{10} = \frac{4}{5}$$

$$7) \frac{29}{15} - \frac{8}{15} = \frac{7}{5} = 1 \frac{2}{5}$$

$$8) \frac{17}{12} + \frac{13}{12} = \frac{5}{2} = 2 \frac{1}{2}$$

$$9) \frac{33}{20} - \frac{21}{20} = \frac{3}{5}$$

$$10) \frac{15}{13} + \frac{14}{13} = \frac{29}{13} = 2 \frac{3}{13}$$

$$11) \frac{26}{9} + \frac{34}{9} = \frac{20}{3} = 6 \frac{2}{3}$$

$$12) \frac{27}{13} - \frac{14}{13} = \frac{13}{13} = 1$$

$$13) \frac{17}{14} + \frac{19}{14} = \frac{18}{7} = 2 \frac{4}{7}$$

$$14) \frac{25}{6} - \frac{11}{6} = \frac{7}{3} = 2 \frac{1}{3}$$

$$15) \frac{29}{7} - \frac{13}{7} = \frac{16}{7} = 2 \frac{2}{7}$$

$$16) \frac{27}{4} + \frac{15}{4} = \frac{21}{2} = 10 \frac{1}{2}$$

$$17) \frac{21}{8} + \frac{17}{8} = \frac{19}{4} = 4 \frac{3}{4}$$

$$18) \frac{33}{10} - \frac{17}{10} = \frac{8}{5} = 1 \frac{3}{5}$$

