

fractions

fractions with a common denominator

$$\textcircled{1} \quad \frac{7}{8} + \frac{5}{8} =$$

$$\textcircled{2} \quad \frac{-3}{10} - \frac{1}{10} =$$

$$\textcircled{3} \quad 6\frac{7}{11} - 2\frac{3}{11} =$$

$$\textcircled{4} \quad -4\frac{7}{10} - 1\frac{1}{10} =$$

dividing fractions, integers, & mixed numbers

$$\textcircled{5} \quad 2\frac{1}{3} \div 1\frac{3}{4} =$$

$$\textcircled{6} \quad \frac{3}{4} \div -2\frac{1}{2} =$$

$$\textcircled{7} \quad \frac{-3}{8} \div 12 =$$

$$\textcircled{8} \quad -5\frac{2}{3} \div -1\frac{1}{4} =$$

dividing

things to remember when dividing fractions:

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-
-

dividing fractions

$$\textcircled{1} \quad \frac{5}{6} \div \frac{3}{4} =$$

$$\textcircled{2} \quad \frac{-2}{3} \div \frac{2}{7} =$$

$$\textcircled{3} \quad \frac{5}{12} \div \frac{-2}{3} =$$

$$\textcircled{4} \quad \frac{-11}{12} \div \frac{-5}{6} =$$

fractions with different denominators

$$\textcircled{5} \quad \frac{2}{9} - \frac{2}{3} =$$

$$\textcircled{6} \quad \frac{-3}{13} + \frac{-1}{2} =$$

$$\textcircled{7} \quad -2\frac{1}{5} + 9\frac{3}{10} =$$

$$\textcircled{8} \quad 18\frac{2}{3} - 12\frac{4}{5} =$$

adding + subtracting

things to Remember when multiplying fractions:

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-
-

multiplying fractions

$$\textcircled{1} \frac{1}{2} \cdot \frac{3}{5} =$$

$$\textcircled{2} \frac{-5}{8} \cdot \frac{4}{15} =$$

$$\textcircled{3} \frac{-9}{12} \cdot \frac{-4}{5} =$$

$$\textcircled{4} \left(\frac{3}{4}\right)^2 =$$

multiplying fractions, integers, & mixed numbers

$$\textcircled{5} -12 \cdot \frac{3}{4} =$$

$$\textcircled{6} \frac{-5}{6} \cdot -2\frac{1}{4} =$$

$$\textcircled{7} 4\frac{1}{5} \cdot 2\frac{1}{7} =$$

$$\textcircled{8} \left(-1\frac{1}{4}\right)^2 =$$

multiplying

fractions

fractions with a common denominator

$$\textcircled{1} \quad \frac{7}{8} + \frac{5}{8} = 1\frac{1}{2}$$

$$\textcircled{2} \quad \frac{-3}{10} - \frac{1}{10} = \frac{-2}{5}$$

$$\textcircled{3} \quad 6\frac{7}{11} - 2\frac{3}{11} = 4\frac{4}{11}$$

$$\textcircled{4} \quad -4\frac{7}{10} - 1\frac{1}{10} = -5\frac{4}{5}$$

dividing fractions, integers, & mixed numbers

$$\textcircled{5} \quad 2\frac{1}{3} \div 1\frac{3}{4} = 1\frac{1}{3}$$

$$\textcircled{6} \quad \frac{3}{4} \div -2\frac{1}{2} = \frac{-3}{10}$$

$$\textcircled{7} \quad \frac{-3}{8} \div 12 = -\frac{1}{32}$$

$$\textcircled{8} \quad -5\frac{2}{3} \div -1\frac{1}{4} = 4\frac{8}{15}$$

dividing

things to Remember when dividing fractions:

- *Keep, Change, Flip (Keep the first fraction the same, change the division to multiplication, take the reciprocal of the second fraction.)*
- *Change all integers & mixed numbers to improper fractions*
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dividing fractions

$$\textcircled{1} \quad \frac{5}{6} \div \frac{3}{4} = 1\frac{1}{9}$$

$$\textcircled{2} \quad \frac{-2}{3} \div \frac{2}{7} = -2\frac{1}{3}$$

$$\textcircled{3} \quad \frac{5}{12} \div \frac{-2}{3} = -\frac{5}{8}$$

$$\textcircled{4} \quad \frac{-11}{12} \div \frac{-5}{6} = 1\frac{1}{10}$$

fractions with different denominators

$$\textcircled{5} \quad \frac{2}{9} - \frac{2}{3} = -\frac{4}{9}$$

$$\textcircled{6} \quad \frac{-3}{13} + \frac{-1}{2} = -\frac{19}{26}$$

$$\textcircled{7} \quad -2\frac{1}{5} + 9\frac{3}{10} = 7\frac{1}{10}$$

$$\textcircled{8} \quad 18\frac{2}{3} - 12\frac{4}{5} = 5\frac{13}{15}$$

adding + subtracting

things to Remember when multiplying fractions:

- *Multiply straight across the numerator & straight across the denominator*
- *Change all integers & mixed numbers to improper fractions*
- *Cross simplify, when possible*

multiplying fractions

$$\textcircled{1} \quad \frac{1}{2} \cdot \frac{3}{5} = \frac{3}{10}$$

$$\textcircled{2} \quad \frac{-5}{8} \cdot \frac{4}{15} = -\frac{1}{6}$$

$$\textcircled{3} \quad \frac{-9}{12} \cdot \frac{-4}{5} = \frac{9}{15}$$

$$\textcircled{4} \quad \left(\frac{3}{4}\right)^2 = \frac{9}{16}$$

multiplying fractions, integers, & mixed numbers

$$\textcircled{5} \quad -12 \cdot \frac{3}{4} = -9$$

$$\textcircled{6} \quad \frac{-5}{6} \cdot -2\frac{1}{4} = 1\frac{7}{8}$$

$$\textcircled{7} \quad 4\frac{1}{5} \cdot 2\frac{1}{7} = 9$$

$$\textcircled{8} \quad \left(-1\frac{1}{4}\right)^2 = 1\frac{9}{16}$$

multiplying

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Directions:

Step 1: Print pages 1 & 2, and 3 & 4 front to back so that the information is facing in opposite directions (my printer has the option to print front to back and flip along the short edge).

Step 2: Line up the pages as shown below.



Step 3: Fold over the top portion and secure at the top with a few staples.

