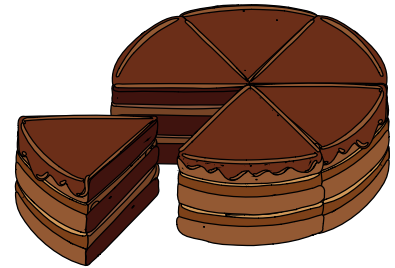# Adding Fractions

1. **Add** the fractions.

a. $\dfrac{1}{7} + \dfrac{2}{21} = $ ☐

b. $\dfrac{2}{9} + \dfrac{1}{18} = $ ☐

c. $\dfrac{3}{7} + \dfrac{5}{14} = $ ☐

d. $\dfrac{7}{12} + \dfrac{1}{3} = $ ☐

2. **Add** three fractions. Write your answers as mixed numbers if you need to.

a. $\dfrac{1}{16} + \dfrac{5}{8} + \dfrac{1}{4} = $ ☐

b. $\dfrac{1}{5} + \dfrac{7}{20} + \dfrac{3}{10} = $ ☐

c. $\dfrac{2}{3} + \dfrac{2}{6} + \dfrac{3}{12} = $ ☐

d. $\dfrac{2}{5} + \dfrac{4}{10} + \dfrac{3}{20} = $ ☐
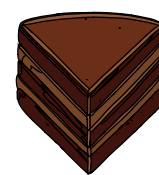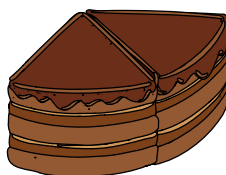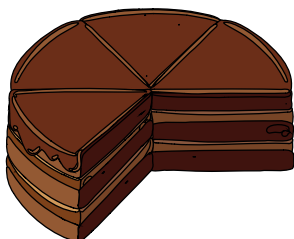
e. $\dfrac{2}{3} + \dfrac{1}{6} + \dfrac{8}{12} = $ ☐

f. $\dfrac{2}{4} + \dfrac{3}{8} + \dfrac{7}{16} = $ ☐

3. Find the **missing number** in the following calculations.

a. $\dfrac{1}{4} + \dfrac{\boxed{}}{8} = \dfrac{5}{8}$

b. $\dfrac{\boxed{}}{3} + \dfrac{7}{12} = \dfrac{11}{12}$

c. $\dfrac{5}{6} + \dfrac{\boxed{}}{18} = \dfrac{23}{18}$

1. **Add** the fractions.

   a. $\dfrac{1}{7} + \dfrac{2}{21} = \boxed{\dfrac{5}{21}}$

   b. $\dfrac{2}{9} + \dfrac{1}{18} = \boxed{\dfrac{5}{18}}$

   c. $\dfrac{3}{7} + \dfrac{5}{14} = \boxed{\dfrac{11}{14}}$

   d. $\dfrac{7}{12} + \dfrac{1}{3} = \boxed{\dfrac{11}{12}}$
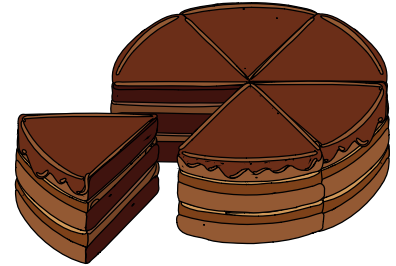
2. **Add** three fractions. Write your answers as mixed numbers if you need to.

   a. $\dfrac{1}{16} + \dfrac{5}{8} + \dfrac{1}{4} = \boxed{\dfrac{15}{16}}$

   b. $\dfrac{1}{5} + \dfrac{7}{20} + \dfrac{3}{10} = \boxed{\dfrac{17}{20}}$

   c. $\dfrac{2}{3} + \dfrac{2}{6} + \dfrac{3}{12} = \boxed{\dfrac{15}{12} \Big/ 1\dfrac{3}{12} \Big/ 1\dfrac{1}{4}}$

   d. $\dfrac{2}{5} + \dfrac{4}{10} + \dfrac{3}{20} = \boxed{\dfrac{19}{20}}$

   e. $\dfrac{2}{3} + \dfrac{1}{6} + \dfrac{8}{12} = \boxed{\dfrac{18}{12} \Big/ 1\dfrac{6}{12} \Big/ 1\dfrac{1}{2}}$

   f. $\dfrac{2}{4} + \dfrac{3}{8} + \dfrac{7}{16} = \boxed{\dfrac{21}{16} \Big/ 1\dfrac{5}{16}}$

3. Find the **missing number** in the following calculations.

   a. $\dfrac{1}{4} + \dfrac{\boxed{3}}{8} = \dfrac{5}{8}$

   b. $\dfrac{\boxed{1}}{3} + \dfrac{7}{12} = \dfrac{11}{12}$

   c. $\dfrac{5}{6} + \dfrac{\boxed{8}}{18} = \dfrac{23}{18}$