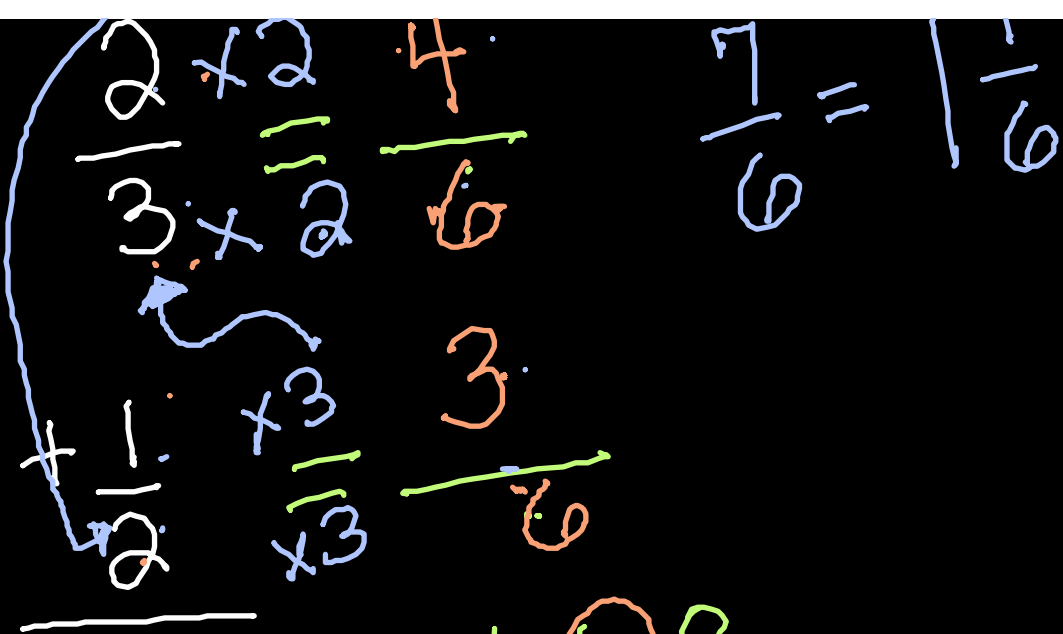


Adding

Fractions



- 2, 4, 6, 8  
 3, 6, 9, 12
- The number 6 in the first row and the number 6 in the second row are circled in orange.

$$\frac{1}{8} = \frac{1}{8}$$
$$+ \frac{1}{2} = \frac{4}{8} + \frac{1}{8} = \frac{5}{8}$$

A diagram illustrating the addition of  $\frac{1}{8}$  and  $\frac{1}{2}$ . The fraction  $\frac{1}{8}$  is circled in orange. Below it,  $\frac{1}{2}$  is written with a horizontal line underneath, and  $\frac{4}{8}$  is written below that line. The number 4 is circled in orange. Two orange arrows point from the circled  $\frac{1}{8}$  and the circled 4 to a larger circled  $\frac{5}{8}$  on the right.

$$\frac{2 \cdot 4 \cdot 6 \cdot 8}{8 \cdot 16 \cdot 24}$$

$$\frac{2}{7} = \frac{2 \cdot 5}{7 \cdot 5} = \frac{10}{35}$$

$$+ \frac{1}{5} = \frac{1 \cdot 7}{5 \cdot 7} = \frac{7}{35}$$

$$\frac{17}{35}$$

$$\frac{3}{10} = \frac{(3 \cdot 4)}{10 \cdot 4} \Rightarrow \frac{12}{40}$$

$$\frac{22}{40} = \frac{11}{20}$$

$$+ \frac{1}{4} = \frac{(1 \cdot 10)}{4 \cdot 10} \Rightarrow \frac{10}{40}$$

$$\frac{(3 \cdot 4) + (1 \cdot 10)}{12 + 10}$$

$$a=2 \quad b=3 \quad c=4 \quad d=5$$

$$\frac{a}{b}$$

$$+ \frac{c}{d}$$

$$\frac{(a \cdot d) + (b \cdot c)}{b \cdot d}$$

LCM = 15

$$\frac{2 \cdot 5}{3 \cdot 5} = \frac{10}{15}$$

$$\frac{4 \cdot 3}{5 \cdot 3} = \frac{12}{15}$$

$$\frac{10}{15}$$

$$\frac{12}{15}$$

$$\frac{22}{15}$$

+

$$\begin{array}{r} 2 \\ 5 \\ \hline 6 \end{array}$$

$2 \cdot 6 = 12$   
 $5 \cdot 1 = 5$

$$\begin{array}{r} 17 \\ \hline 30 \end{array}$$

The diagram illustrates the calculation of the sum of two numbers, 2 and 5, and then the multiplication of that sum by 6. The numbers 2 and 5 are stacked vertically with a vertical line between them. A blue arrow points from the 2 to the 5, and another blue arrow points from the 5 to the 6 below it. To the right, the numbers 17 and 30 are stacked vertically with a horizontal line between them. Two red arrows point from the 5 and 6 in the first part to the 17 and 30 in the second part. Above the 17 and 30, the equations 2 \* 6 = 12 and 5 \* 1 = 5 are written in blue.

$$\frac{1}{4} + \frac{1}{5} = \frac{5+4}{20} = \frac{9}{20}$$

$$\frac{3}{8} \times \frac{2}{5} = \frac{16+15}{40}$$

$$\begin{array}{r} \frac{3}{8} = \frac{15}{40} \\ + \frac{2}{5} = \frac{16}{40} \\ \hline \frac{31}{40} \end{array}$$

$$\frac{7}{2} \times \frac{4}{6} = \frac{28+12}{42} = \frac{40}{42}$$

$$\frac{40}{42} \left(\div 2\right) = \frac{20}{21}$$

$$\frac{3}{8} \times \frac{5}{10} = \frac{30 + 40}{80}$$

consecutive  
numbers

$$\frac{70}{80}$$

$$\div 10$$

$$\frac{7}{8}$$

$$\frac{1}{2} + \frac{2}{9} = \frac{4+9}{18}$$

$$\frac{13}{18}$$

$$\frac{5}{6} + \frac{4}{5} = \frac{24+25}{30}$$

$$\frac{49}{30}$$

$$30 \overline{) 49} \\ \underline{30} \\ 19$$

$$1 \frac{19}{30}$$

$$\frac{2}{3} \times \frac{5}{8} = \frac{15+16}{24}$$

$$\frac{31}{24} \quad 24 \overline{) 31} \quad \begin{array}{r} 1 \\ \underline{24} \\ 7 \end{array} \quad \frac{7}{24} \leftarrow$$

$$\frac{9}{10} + \frac{8}{9} = \frac{80+81}{90}$$

$$\frac{161}{90}$$

$$90 \overline{) 161} \\ \underline{90} \\ 71$$

$$1 \frac{71}{90}$$

$$2 \frac{5}{8} + 3 \frac{2}{3} =$$

2

~~$8 \overline{) 5}$~~

~~$3$~~

~~$3 \overline{) 2}$~~

$6 \overline{) 17}$

$31$

$24$

$24 \overline{) 31}$

$16 + 15$

$24$

$24 \overline{) 31}$

$24$

$7$

$$6\frac{2}{3} + 6\frac{9}{10}$$

$$6 \quad \text{312}$$
$$1317$$

---

$$30$$

$$6 \quad \text{47}$$

---

$$30$$

$$\frac{9}{10} = \frac{27+20}{30}$$
$$30 \overline{) 47}$$
$$\underline{30}$$
$$17$$

$$10\frac{4}{5} + 300\frac{4}{7} = \frac{30+28}{35}$$

$$\begin{array}{r} 1 \\ 311 \overline{) 23} \\ \underline{35} \end{array} \quad \begin{array}{r} 58 \\ \underline{35} \end{array} \quad \begin{array}{r} 1 \\ 35 \overline{) 58} \\ \underline{35} \\ 23 \end{array}$$

WOW!!!

$$311 \overline{) 23}$$

Parents,

Group  
A

I am very  
impressed with  
this class.

Wow! Mrs.  
Whissen

# HOMWORK

---

TEXTBOOK:

P. 246 19, 22, 28, 29, 34

P. 250 6, 11, 20, 29, 30,