6-[3/2-3/5*16/9-1/2]

Solution

$$6 - \left[\frac{3}{2} - \frac{3}{5} \times \frac{16}{9} - \frac{1}{2}\right] = 6 - \left[\frac{3}{2} - \frac{1}{5} \times \frac{16}{3} - \frac{1}{2}\right] = 6 - \left[\frac{3}{2} - \frac{16}{15} - \frac{1}{2}\right] = 6 - \left[\frac{2}{2} - \frac{16}{15}\right] = 6 - \left[1 - 1\frac{1}{15}\right] = 6 - \left[-\frac{1}{15}\right] =$$

$$= 6 + \frac{1}{15} = \frac{6 \times 15 + 1}{15} = \frac{91}{15} = 6\frac{1}{15}$$