1) $\dfrac{1}{2} + \dfrac{1}{3} = \dfrac{1 \cdot 3}{2 \cdot 3} + \dfrac{1 \cdot 3}{3 \cdot 2} = \dfrac{3}{6} + \dfrac{2}{6} =$

$= \boxed{\dfrac{5}{6}}$

Day 1 (easy)

2) $\dfrac{3}{2} + \dfrac{1}{2} = \dfrac{4}{2} = \boxed{2}$

5) $\dfrac{3}{8} - \dfrac{1}{4} = \dfrac{3}{8} - \dfrac{2}{8} = \boxed{\dfrac{1}{8}}$

12) $\dfrac{5}{3} \cdot \dfrac{15}{10} = \dfrac{5 \cdot 15}{3 \cdot 10} = \dfrac{75}{30} = \dfrac{15}{6}$

$\overset{\shortparallel}{\dfrac{5 \cdot 3 \cdot 5}{3 \cdot 2 \cdot 5}} = \boxed{\dfrac{5}{2}}$

15) $\dfrac{1}{2} : \dfrac{1}{2} = \dfrac{1 \cdot 2}{2 \cdot 1} = \dfrac{2}{2} = 1$

Medium (8, 9, 10)

8) $\dfrac{5^2 - 1}{} \cdot \dfrac{10}{4} = \dfrac{25 - 1 \cdot 10}{18 \cdot 4} = \dfrac{6 \cdot 4 \cdot 10}{\cdot 3 \cdot 4} = \dfrac{10}{3}$

18

9) $\dfrac{3}{8} \cdot \dfrac{24}{5} : \dfrac{10}{27} = \dfrac{3 \cdot 3 \cdot 8 \cdot 5 \cdot 2}{8 \cdot 5 \cdot 9 \cdot 9} = \dfrac{6}{9} = \dfrac{2}{3}$

10) $\dfrac{3 \cdot 8 \cdot 7}{8 \cdot 7 \cdot 9} - \dfrac{2}{4} \cdot \dfrac{4}{6} \cdot \dfrac{6}{8} : 3 - \dfrac{1}{4} : \dfrac{4}{12} - \dfrac{3}{12}$

$\dfrac{3 \cdot 2}{9} \qquad \dfrac{2 \cdot 4}{8}$

$\boxed{\dfrac{1}{12}}$

Hard

— не решил а подсмотрел
у все равно не понял :)