

22.01.2021

Fractions

ANSWERS

WALT: subtract fractions with different denominators.

The fractions in purple show the answers to these questions. Some of them have been simplified even further but either answer would be correct. For example, for question one you could've got either $\frac{3}{6}$ or $\frac{1}{2}$.

$$1. \quad \frac{5}{6} - \frac{1}{3} = \frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$$

$$2. \quad \frac{9}{10} - \frac{2}{5} = \frac{9}{10} - \frac{4}{10} = \frac{5}{10} = \frac{1}{2}$$

$$3. \quad \frac{18}{20} - \frac{7}{10} = \frac{18}{20} - \frac{14}{20} = \frac{4}{20} = \frac{1}{5}$$

$$4. \quad \frac{15}{16} - \frac{2}{4} = \frac{15}{16} - \frac{8}{16} = \frac{7}{16}$$

$$5. \quad \frac{13}{15} - \frac{2}{5} = \frac{13}{15} - \frac{6}{15} = \frac{7}{15}$$

$$6. \quad \frac{19}{20} - \frac{2}{5} = \frac{19}{20} - \frac{8}{20} = \frac{11}{20}$$

$$7. \quad \frac{13}{25} - \frac{2}{5} = \frac{13}{25} - \frac{10}{25} = \frac{3}{25}$$

$$8. \quad \frac{16}{40} - \frac{2}{10} = \frac{16}{40} - \frac{8}{40} = \frac{8}{40} = \frac{1}{5}$$

$$9. \quad \frac{16}{28} - \frac{3}{7} = \frac{16}{28} - \frac{12}{28} = \frac{4}{28} = \frac{1}{7}$$

$$10. \quad \frac{25}{30} - \frac{3}{6} = \frac{25}{30} - \frac{15}{30} = \frac{10}{30} = \frac{1}{3}$$

$$11. \quad \frac{22}{24} - \frac{4}{6} = \frac{22}{24} - \frac{16}{24} = \frac{6}{24} = \frac{1}{4}$$

$$12. \quad \frac{4}{5} - \frac{1}{2} = \frac{8}{10} - \frac{5}{10} = \frac{3}{10}$$

$$13. \quad \frac{3}{4} - \frac{2}{3} = \frac{9}{12} - \frac{8}{12} = \frac{1}{12}$$

$$14. \quad \frac{6}{7} - \frac{2}{3} = \frac{18}{21} - \frac{14}{21} = \frac{4}{21}$$

$$15. \quad \frac{4}{5} - \frac{1}{4} = \frac{16}{20} - \frac{5}{20} = \frac{11}{20}$$