

# 100 Fractions

*great for you if you are returning to school*

Video:

Reduce, multiply, divide, add/subtract the same and different denominators.  
No mixed numbers, no negatives, no exponents, no order of operations.

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**[Reduce]**

(Q1.)  $\frac{15}{45}$

(Q2.)  $\frac{24}{40}$

(Q3.)  $\frac{24}{8}$

(Q4.)  $\frac{18}{81}$

(Q5.)  $\frac{14}{35}$

(Q6.)  $\frac{57}{69}$

(Q7.)  $\frac{0}{7}$

(Q8.)  $\frac{7}{0}$

(Q9.)  $\frac{42}{56}$

(Q10.)  $\frac{30}{34}$

**[Multiply]**

(Q11.)  $\frac{5}{6} \cdot \frac{2}{15}$

(Q12.)  $\frac{35}{38} \cdot \frac{19}{21}$

(Q13.)  $\frac{15}{16} \cdot \frac{12}{45}$

(Q14.)  $\frac{6}{5} \cdot \frac{25}{42}$

(Q15.)  $\frac{23}{40} \cdot 8$

(Q16.)  $\frac{50}{49} \cdot \frac{14}{15}$

(Q17.)  $\frac{3}{12} \cdot \frac{4}{9}$

(Q18.)  $\frac{3}{25} \cdot \frac{15}{14}$

(Q19.)  $\frac{3}{13} \cdot \frac{7}{2}$

(Q20.)  $40 \cdot \frac{3}{5}$

**[Divide]**

$$(Q21.) \frac{8}{5} \div \frac{2}{15}$$

$$(Q22.) \frac{24}{25} \div \frac{14}{15}$$

$$(Q23.) 9 \div \frac{3}{14}$$

$$(Q24.) \frac{13}{5} \div 4$$

$$(Q25.) \frac{9}{35} \div \frac{45}{14}$$

$$(Q26.) \frac{18}{23} \div \frac{6}{5}$$

$$(Q27.) \frac{27}{28} \div \frac{18}{48}$$

$$(Q28.) \frac{15}{35} \div \frac{25}{45}$$

$$(Q29.) \frac{9}{16} \div \frac{81}{64}$$

$$(Q30.) \frac{10}{21} \div \frac{4}{7}$$

**[Add or Subtract] part 1, same denominator**

$$(Q31.) \frac{4}{15} + \frac{2}{15}$$

$$(Q32.) \frac{18}{35} - \frac{3}{35}$$

$$(Q33.) \frac{17}{42} - \frac{1}{42}$$

$$(Q34.) \frac{19}{38} + \frac{12}{38}$$

$$(Q35.) \frac{11}{12} - \frac{4}{12}$$

$$(Q36.) \frac{26}{51} - \frac{11}{51}$$

$$(Q37.) \frac{19}{21} + \frac{23}{21}$$

$$(Q38.) \frac{1}{8} + \frac{5}{8}$$

$$(Q39.) \frac{28}{15} - \frac{3}{15}$$

$$(Q40.) \frac{31}{60} - \frac{11}{60}$$

**[Add or Subtract] part 2, different denominator**

$$(Q41.) \frac{7}{8} - \frac{3}{4}$$

$$(Q42.) \frac{4}{5} + \frac{2}{15}$$

$$(Q43.) \frac{7}{25} + \frac{3}{5}$$

$$(Q44.) \frac{3}{4} + 7$$

$$(Q45.) 3 - \frac{5}{2}$$

$$(Q46.) \frac{2}{5} + \frac{2}{7}$$

$$(Q47.) \frac{3}{8} + \frac{2}{3}$$

$$(Q48.) \frac{5}{6} + \frac{2}{15}$$

$$(Q49.) \frac{7}{10} - \frac{5}{18}$$

$$(Q50.) \frac{31}{35} + \frac{3}{14}$$

**[Mixed Challenge]**

$$(Q51.) \frac{0}{29}$$

$$(Q52.) \frac{3}{14} + \frac{3}{14}$$

$$(Q53.) \frac{5}{3} + \frac{5}{7}$$

$$(Q54.) 8 \div \frac{2}{5}$$

$$(Q55.) \frac{11}{14} - \frac{1}{2}$$

$$(Q56.) \frac{37}{70} - \frac{19}{70}$$

$$(Q57.) \frac{2}{5} \cdot 40$$

$$(Q58.) \frac{2}{5} \div 40$$

$$(Q59.) 10 - \frac{2}{3}$$

$$(Q60.) 12 \cdot \frac{2}{5}$$

$$(Q61.) \frac{2}{7} \div \frac{1}{5}$$
$$(Q62.) \frac{8}{35} \cdot \frac{15}{2}$$
$$(Q63.) \frac{8}{35} + \frac{3}{28}$$
$$(Q64.) \frac{8}{11} - \frac{7}{33}$$
$$(Q65.) \frac{5}{12} \div \frac{1}{6}$$
$$(Q66.) \frac{5}{12} - \frac{1}{6}$$
$$(Q67.) \frac{27}{81}$$
$$(Q68.) \frac{5}{18} \div \frac{10}{27}$$
$$(Q69.) \frac{20}{39} - \frac{7}{39}$$
$$(Q70.) \frac{19}{8} + \frac{21}{8}$$
$$(Q71.) \frac{49}{56}$$
$$(Q72.) \frac{90}{27}$$
$$(Q73.) \frac{1}{39} + \frac{2}{21}$$
$$(Q74.) \frac{5}{12} \div 15$$
$$(Q75.) 8 \cdot \frac{5}{6}$$
$$(Q76.) 8 - \frac{5}{6}$$
$$(Q77.) \frac{5}{2} + \frac{2}{5}$$
$$(Q78.) \frac{18}{49} \div \frac{3}{14}$$
$$(Q79.) \frac{28}{0}$$
$$(Q80.) \frac{1}{9} + \frac{1}{5}$$
$$(Q81.) \frac{2}{45} + \frac{5}{36}$$

$$(Q82.) \frac{3}{35} + \frac{13}{15}$$

$$(Q83.) \frac{1}{24} - \frac{1}{40}$$

$$(Q84.) \frac{2}{5} + \frac{1}{6}$$

$$(Q85.) \frac{5}{0}$$

$$(Q86.) \frac{11}{18} + \frac{5}{18}$$

$$(Q87.) \frac{34}{45} + \frac{3}{35}$$

$$(Q88.) \frac{5}{9} \cdot \frac{4}{9}$$

$$(Q89.) \frac{8}{9} \div \frac{8}{9}$$

$$(Q90.) \frac{7}{26} + \frac{7}{30}$$

$$(Q91.) \frac{15}{26} - \frac{2}{13}$$

$$(Q92.) \frac{16}{27} \div \frac{24}{9}$$

$$(Q93.) 120 \div \frac{5}{12}$$

$$(Q94.) \frac{3}{5} \cdot 200$$

$$(Q95.) \frac{1}{24} + \frac{1}{21}$$

$$(Q96.) \frac{19}{24} - \frac{5}{8}$$

$$(Q97.) \frac{9}{16} - \frac{13}{32}$$

$$(Q98.) \frac{15}{14} \div \frac{3}{28}$$

$$(Q99.) 5 - \frac{7}{4}$$

$$(Q100.) \frac{7}{27} \cdot \frac{9}{28}$$

$$(Q101.) \frac{19}{95}$$