

# العمليات على الكسور

1.  $\frac{48}{19} - \left(-\frac{31}{11}\right)$

2.  $\frac{1}{2} - \left(-\frac{15}{8}\right)$

3.  $\frac{11}{10} \div \frac{1}{2}$

4.  $\frac{16}{15} \times \frac{18}{11}$

5.  $\frac{13}{11} - \left(-\frac{1}{7}\right)$

6.  $\left(-\frac{3}{7}\right) \div \left(-\frac{14}{11}\right)$

7.  $\left(-\frac{1}{2}\right) \times \frac{20}{7}$

8.  $\frac{11}{5} + \frac{1}{11}$

9.  $\left(-\frac{5}{9}\right) + \frac{5}{6}$

10.  $\left(-\frac{36}{19}\right) + \left(-\frac{45}{19}\right)$

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Mr. Ahmad Farkh

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# العمليات على الكسور

1.  $\frac{48}{19} - \left(-\frac{31}{11}\right)$   
 $\frac{1117}{209}$

2.  $\frac{1}{2} - \left(-\frac{15}{8}\right)$   
 $\frac{19}{8}$

3.  $\frac{11}{10} \div \frac{1}{2}$   
 $\frac{11}{5}$

4.  $\frac{16}{15} \times \frac{18}{11}$   
 $\frac{96}{55}$

5.  $\frac{13}{11} - \left(-\frac{1}{7}\right)$   
 $\frac{102}{77}$

6.  $\left(-\frac{3}{7}\right) \div \left(-\frac{14}{11}\right)$   
 $\frac{33}{98}$

7.  $\left(-\frac{1}{2}\right) \times \frac{20}{7}$   
 $-\frac{10}{7}$

8.  $\frac{11}{5} + \frac{1}{11}$   
 $\frac{126}{55}$

9.  $\left(-\frac{5}{9}\right) + \frac{5}{6}$   
 $\frac{5}{18}$

10.  $\left(-\frac{36}{19}\right) + \left(-\frac{45}{19}\right)$   
 $-\frac{81}{19}$

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# العمليات على الكسور

1.  $\frac{12}{5} - \left(-\frac{2}{11}\right)$

2.  $\frac{11}{4} + \left(-\frac{5}{4}\right)$

3.  $\frac{1}{2} + \frac{23}{12}$

4.  $\left(-\frac{1}{4}\right) - \frac{53}{18}$

5.  $\frac{1}{2} \div \frac{1}{13}$

6.  $\frac{33}{20} + \left(-\frac{14}{9}\right)$

7.  $\frac{5}{4} \times \left(-\frac{26}{11}\right)$

8.  $\frac{11}{4} \times \left(-\frac{11}{4}\right)$

9.  $\left(-\frac{20}{17}\right) \div \frac{31}{12}$

10.  $\frac{45}{16} - \left(-\frac{7}{18}\right)$

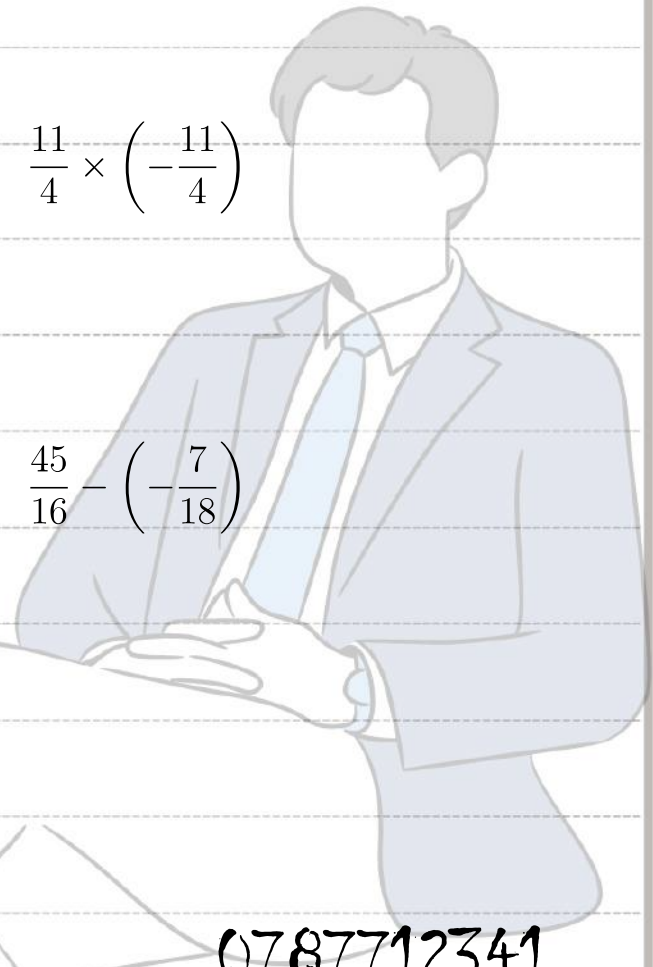
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# العمليات على الكسور

1.  $\frac{12}{5} - \left(-\frac{2}{11}\right)$   
 $\frac{142}{55}$

2.  $\frac{11}{4} + \left(-\frac{5}{4}\right)$   
 $\frac{3}{2}$

3.  $\frac{1}{2} + \frac{23}{12}$   
 $\frac{29}{12}$

4.  $\left(-\frac{1}{4}\right) - \frac{53}{18}$   
 $-\frac{115}{36}$

5.  $\frac{1}{2} \div \frac{1}{13}$   
 $\frac{13}{2}$

6.  $\frac{33}{20} + \left(-\frac{14}{9}\right)$   
 $\frac{17}{180}$

7.  $\frac{5}{4} \times \left(-\frac{26}{11}\right)$   
 $-\frac{65}{22}$

8.  $\frac{11}{4} \times \left(-\frac{11}{4}\right)$   
 $-\frac{121}{16}$

9.  $\left(-\frac{20}{17}\right) \div \frac{31}{12}$   
 $-\frac{240}{527}$

10.  $\frac{45}{16} - \left(-\frac{7}{18}\right)$   
 $\frac{461}{144}$

# العمليات على الكسور

1.  $\left(-\frac{25}{13}\right) - \left(-\frac{8}{3}\right)$

2.  $\left(-\frac{5}{3}\right) \times \left(-\frac{19}{13}\right)$

3.  $\frac{39}{16} + \frac{5}{16}$

4.  $\left(-\frac{6}{5}\right) \div \frac{8}{7}$

5.  $\left(-\frac{3}{2}\right) \div \frac{1}{4}$

6.  $\frac{5}{14} - \frac{25}{12}$

7.  $\left(-\frac{3}{2}\right) + \frac{5}{2}$

8.  $\frac{4}{7} - \left(-\frac{30}{11}\right)$

9.  $\left(-\frac{3}{2}\right) \times \frac{3}{7}$

10.  $\frac{4}{3} + \left(-\frac{8}{3}\right)$

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# العمليات على الكسور

1.  $\left(-\frac{25}{13}\right) - \left(-\frac{8}{3}\right)$   
 $\frac{29}{39}$

2.  $\left(-\frac{5}{3}\right) \times \left(-\frac{19}{13}\right)$   
 $\frac{95}{39}$

3.  $\frac{39}{16} + \frac{5}{16}$   
 $\frac{11}{4}$

4.  $\left(-\frac{6}{5}\right) \div \frac{8}{7}$   
 $-\frac{21}{20}$

5.  $\left(-\frac{3}{2}\right) \div \frac{1}{4}$   
 $-6$

6.  $\frac{5}{14} - \frac{25}{12}$   
 $-\frac{145}{84}$

7.  $\left(-\frac{3}{2}\right) + \frac{5}{2}$   
 $1$

8.  $\frac{4}{7} - \left(-\frac{30}{11}\right)$   
 $\frac{254}{77}$

9.  $\left(-\frac{3}{2}\right) \times \frac{3}{7}$   
 $-\frac{9}{14}$

10.  $\frac{4}{3} + \left(-\frac{8}{3}\right)$   
 $-\frac{4}{3}$

# العمليات على الكسور

1.  $\left(-\frac{17}{9}\right) \times \left(-\frac{8}{7}\right)$

2.  $\left(-\frac{8}{5}\right) + \frac{24}{11}$

3.  $\frac{23}{19} + \frac{23}{13}$

4.  $\frac{2}{3} - \frac{11}{6}$

5.  $\left(-\frac{3}{2}\right) \times \left(-\frac{4}{11}\right)$

6.  $\frac{31}{11} - \left(-\frac{6}{17}\right)$

7.  $\left(-\frac{6}{11}\right) + \left(-\frac{16}{13}\right)$

8.  $\frac{6}{7} - \left(-\frac{19}{8}\right)$

9.  $\frac{16}{7} \div \left(-\frac{10}{9}\right)$

10.  $\frac{5}{4} \div \left(-\frac{2}{3}\right)$

# العمليات على الكسور

1.  $\left(-\frac{17}{9}\right) \times \left(-\frac{8}{7}\right)$   
 $\frac{136}{63}$

2.  $\left(-\frac{8}{5}\right) + \frac{24}{11}$   
 $\frac{32}{55}$

3.  $\frac{23}{19} + \frac{23}{13}$   
 $\frac{736}{247}$

4.  $\frac{2}{3} - \frac{11}{6}$   
 $-\frac{7}{6}$

5.  $\left(-\frac{3}{2}\right) \times \left(-\frac{4}{11}\right)$   
 $\frac{6}{11}$

6.  $\frac{31}{11} - \left(-\frac{6}{17}\right)$   
 $\frac{593}{187}$

7.  $\left(-\frac{6}{11}\right) + \left(-\frac{16}{13}\right)$   
 $-\frac{254}{143}$

8.  $\frac{6}{7} - \left(-\frac{19}{8}\right)$   
 $\frac{181}{56}$

9.  $\frac{16}{7} \div \left(-\frac{10}{9}\right)$   
 $-\frac{72}{35}$

10.  $\frac{5}{4} \div \left(-\frac{2}{3}\right)$   
 $-\frac{15}{8}$



# العمليات على الكسور

1.  $\left(-\frac{4}{5}\right) \times \frac{17}{12}$

2.  $\left(-\frac{4}{5}\right) \times \frac{1}{6}$

3.  $\left(-\frac{6}{5}\right) + \left(-\frac{11}{5}\right)$

4.  $\frac{7}{4} \div \left(-\frac{1}{4}\right)$

5.  $\frac{1}{12} - \left(-\frac{15}{16}\right)$

6.  $\frac{3}{2} - \left(-\frac{4}{3}\right)$

7.  $\left(-\frac{3}{2}\right) + \frac{5}{2}$

8.  $\frac{5}{2} + \left(-\frac{19}{8}\right)$

9.  $\left(-\frac{2}{3}\right) - \left(-\frac{1}{2}\right)$

10.  $\frac{12}{13} \div \frac{1}{2}$

منهاجي

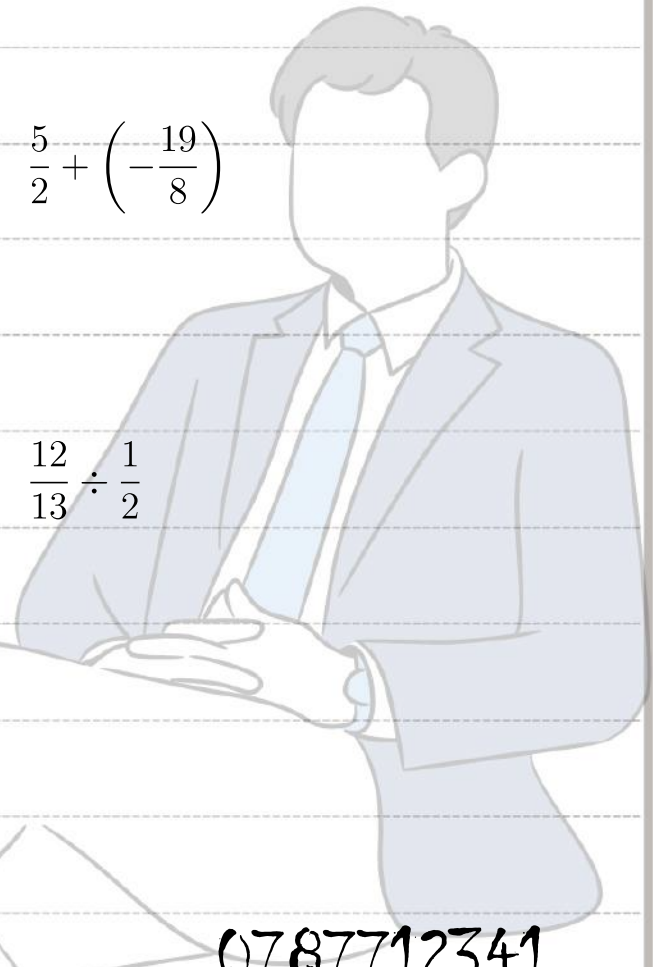
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# العمليات على الكسور

1.  $\left(-\frac{4}{5}\right) \times \frac{17}{12}$   
 $-\frac{17}{15}$

2.  $\left(-\frac{4}{5}\right) \times \frac{1}{6}$   
 $-\frac{2}{15}$

3.  $\left(-\frac{6}{5}\right) + \left(-\frac{11}{5}\right)$   
 $-\frac{17}{5}$

4.  $\frac{7}{4} \div \left(-\frac{1}{4}\right)$   
 $-\frac{7}{1}$

5.  $\frac{1}{12} - \left(-\frac{15}{16}\right)$   
 $\frac{49}{48}$

6.  $\frac{3}{2} - \left(-\frac{4}{3}\right)$   
 $\frac{17}{6}$

7.  $\left(-\frac{3}{2}\right) + \frac{5}{2}$   
 $1$

8.  $\frac{5}{2} + \left(-\frac{19}{8}\right)$   
 $\frac{1}{8}$

9.  $\left(-\frac{2}{3}\right) - \left(-\frac{1}{2}\right)$   
 $-\frac{1}{6}$

10.  $\frac{12}{13} \div \frac{1}{2}$   
 $\frac{24}{13}$

# العمليات على الكسور

1.  $\frac{19}{9} + \left(-\frac{5}{4}\right)$

2.  $\left(-\frac{9}{5}\right) + \left(-\frac{21}{10}\right)$

3.  $\frac{11}{14} - \left(-\frac{9}{7}\right)$

4.  $\left(-\frac{2}{5}\right) \times \left(-\frac{8}{17}\right)$

5.  $\left(-\frac{3}{2}\right) \times \left(-\frac{43}{16}\right)$

6.  $\left(-\frac{13}{5}\right) \div \left(-\frac{1}{2}\right)$

7.  $\left(-\frac{4}{3}\right) + \left(-\frac{3}{20}\right)$

8.  $\left(-\frac{2}{3}\right) - \left(-\frac{32}{13}\right)$

9.  $\frac{1}{3} \div \frac{5}{6}$

10.  $\frac{1}{2} - \left(-\frac{30}{19}\right)$

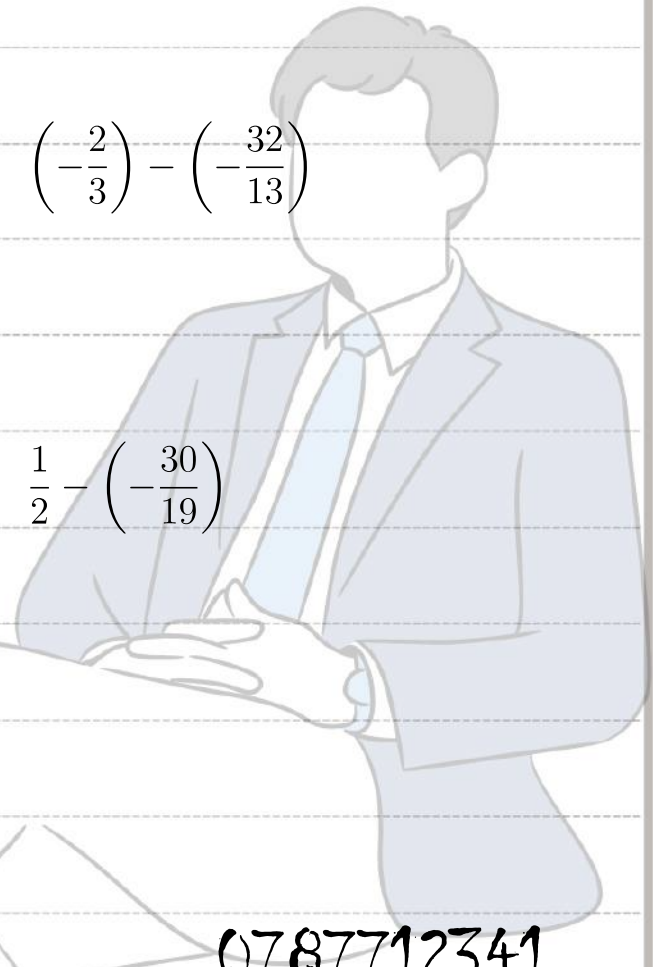
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# العمليات على الكسور

1.  $\frac{19}{9} + \left(-\frac{5}{4}\right)$   
 $\frac{31}{36}$

2.  $\left(-\frac{9}{5}\right) + \left(-\frac{21}{10}\right)$   
 $-\frac{39}{10}$

3.  $\frac{11}{14} - \left(-\frac{9}{7}\right)$   
 $\frac{29}{14}$

4.  $\left(-\frac{2}{5}\right) \times \left(-\frac{8}{17}\right)$   
 $\frac{16}{85}$

5.  $\left(-\frac{3}{2}\right) \times \left(-\frac{43}{16}\right)$   
 $\frac{129}{32}$

6.  $\left(-\frac{13}{5}\right) \div \left(-\frac{1}{2}\right)$   
 $\frac{26}{5}$

7.  $\left(-\frac{4}{3}\right) + \left(-\frac{3}{20}\right)$   
 $-\frac{89}{60}$

8.  $\left(-\frac{2}{3}\right) - \left(-\frac{32}{13}\right)$   
 $\frac{70}{39}$

9.  $\frac{1}{3} \div \frac{5}{6}$   
 $\frac{2}{5}$

10.  $\frac{1}{2} - \left(-\frac{30}{19}\right)$   
 $\frac{79}{38}$

# العمليات على الكسور

1.  $\left(-\frac{19}{15}\right) - \left(-\frac{24}{11}\right)$

2.  $\left(-\frac{5}{2}\right) \div \left(-\frac{5}{3}\right)$

3.  $\left(-\frac{15}{16}\right) + \left(-\frac{13}{8}\right)$

4.  $\frac{14}{19} - \frac{3}{14}$

5.  $\frac{7}{6} \times \left(-\frac{19}{12}\right)$

6.  $\frac{5}{6} + \left(-\frac{9}{10}\right)$

7.  $\frac{6}{17} \times \frac{25}{19}$

8.  $\left(-\frac{5}{3}\right) + \frac{1}{14}$

9.  $\left(-\frac{3}{2}\right) - \frac{25}{13}$

10.  $\frac{1}{4} \div \left(-\frac{21}{10}\right)$

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# العمليات على الكسور

1.  $\left(-\frac{19}{15}\right) - \left(-\frac{24}{11}\right)$   
 $\frac{151}{165}$

2.  $\left(-\frac{5}{2}\right) \div \left(-\frac{5}{3}\right)$   
 $\frac{3}{2}$

3.  $\left(-\frac{15}{16}\right) + \left(-\frac{13}{8}\right)$   
 $-\frac{41}{16}$

4.  $\frac{14}{19} - \frac{3}{14}$   
 $\frac{139}{266}$

5.  $\frac{7}{6} \times \left(-\frac{19}{12}\right)$   
 $-\frac{133}{72}$

6.  $\frac{5}{6} + \left(-\frac{9}{10}\right)$   
 $-\frac{1}{15}$

7.  $\frac{6}{17} \times \frac{25}{19}$   
 $\frac{150}{323}$

8.  $\left(-\frac{5}{3}\right) + \frac{1}{14}$   
 $-\frac{67}{42}$

9.  $\left(-\frac{3}{2}\right) - \frac{25}{13}$   
 $-\frac{89}{26}$

10.  $\frac{1}{4} \div \left(-\frac{21}{10}\right)$   
 $-\frac{5}{42}$

# العمليات على الكسور

1.  $\left(-\frac{8}{3}\right) \times \frac{49}{20}$

2.  $\left(-\frac{1}{4}\right) - \frac{1}{2}$

3.  $\left(-\frac{2}{5}\right) + \left(-\frac{29}{10}\right)$

4.  $\frac{9}{14} \div \frac{4}{7}$

5.  $\frac{25}{19} \div \left(-\frac{3}{2}\right)$

6.  $\frac{30}{11} - \left(-\frac{5}{2}\right)$

7.  $\left(-\frac{3}{2}\right) + \left(-\frac{11}{5}\right)$

8.  $\frac{1}{8} + \frac{43}{15}$

9.  $\frac{1}{2} - \left(-\frac{6}{5}\right)$

10.  $\left(-\frac{8}{15}\right) \times \frac{1}{5}$

منهاجي

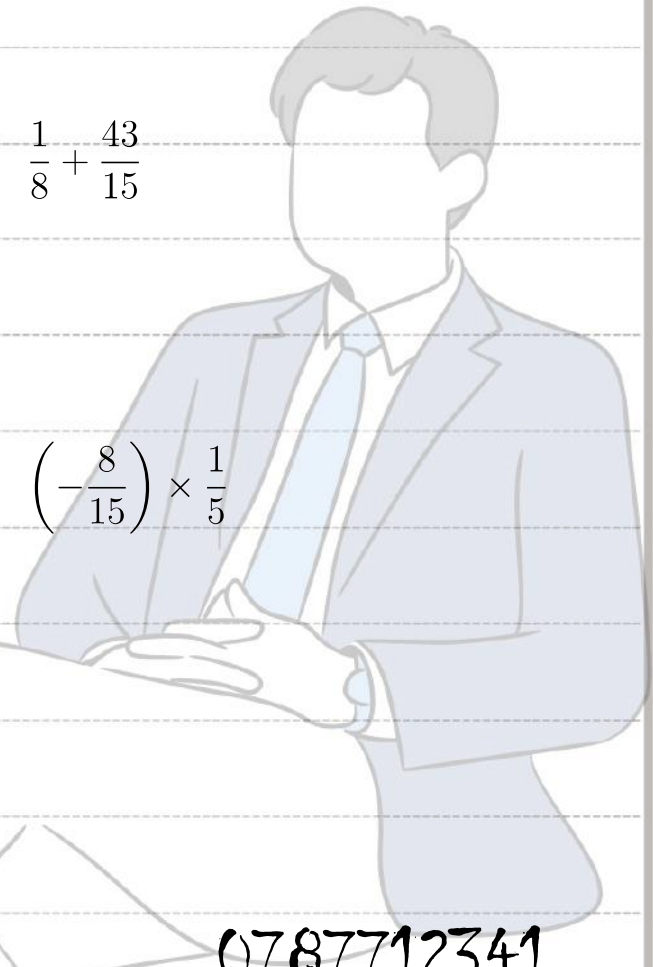
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# العمليات على الكسور

1.  $\left(-\frac{8}{3}\right) \times \frac{49}{20}$   
 $-\frac{98}{15}$

2.  $\left(-\frac{1}{4}\right) - \frac{1}{2}$   
 $-\frac{3}{4}$

3.  $\left(-\frac{2}{5}\right) + \left(-\frac{29}{10}\right)$   
 $-\frac{33}{10}$

4.  $\frac{9}{14} \div \frac{4}{7}$   
 $\frac{9}{8}$

5.  $\frac{25}{19} \div \left(-\frac{3}{2}\right)$   
 $-\frac{50}{57}$

6.  $\frac{30}{11} - \left(-\frac{5}{2}\right)$   
 $\frac{115}{22}$

7.  $\left(-\frac{3}{2}\right) + \left(-\frac{11}{5}\right)$   
 $-\frac{37}{10}$

8.  $\frac{1}{8} + \frac{43}{15}$   
 $\frac{359}{120}$

9.  $\frac{1}{2} - \left(-\frac{6}{5}\right)$   
 $\frac{17}{10}$

10.  $\left(-\frac{8}{15}\right) \times \frac{1}{5}$   
 $-\frac{8}{75}$



# العمليات على الكسور

1.  $\left(-\frac{8}{13}\right) + \frac{19}{7}$

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

3.  $\frac{14}{5} - \left(-\frac{1}{3}\right)$

4.  $\frac{5}{3} \div \frac{3}{8}$

5.  $\left(-\frac{34}{19}\right) - \frac{19}{8}$

6.  $\frac{23}{11} \times \frac{25}{11}$

7.  $\frac{11}{9} \div \left(-\frac{35}{17}\right)$

8.  $\left(-\frac{18}{11}\right) \times \frac{7}{3}$

9.  $\frac{2}{3} + \frac{32}{17}$

10.  $\frac{1}{3} + \left(-\frac{1}{2}\right)$

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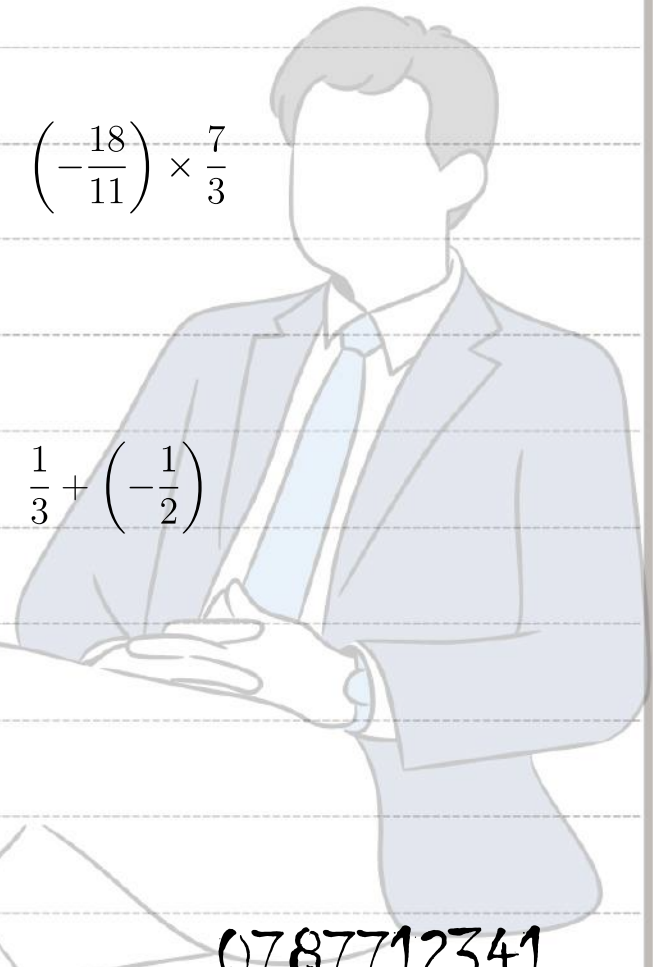
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# العمليات على الكسور

1.  $\left(-\frac{8}{13}\right) + \frac{19}{7}$   
 $\frac{191}{91}$

2.  $\frac{9}{4} - \frac{1}{5}$   
 $\frac{41}{20}$

3.  $\frac{14}{5} - \left(-\frac{1}{3}\right)$   
 $\frac{47}{15}$

4.  $\frac{5}{3} \div \frac{3}{8}$   
 $\frac{40}{9}$

5.  $\left(-\frac{34}{19}\right) - \frac{19}{8}$   
 $-\frac{633}{152}$

6.  $\frac{23}{11} \times \frac{25}{11}$   
 $\frac{575}{121}$

7.  $\frac{11}{9} \div \left(-\frac{35}{17}\right)$   
 $-\frac{187}{315}$

8.  $\left(-\frac{18}{11}\right) \times \frac{7}{3}$   
 $-\frac{42}{11}$

9.  $\frac{2}{3} + \frac{32}{17}$   
 $\frac{130}{51}$

10.  $\frac{1}{3} + \left(-\frac{1}{2}\right)$   
 $-\frac{1}{6}$

# العمليات على الكسور

1.  $\left(-\frac{23}{16}\right) + \left(-\frac{21}{17}\right)$

2.  $\frac{23}{14} \times \left(-\frac{29}{20}\right)$

3.  $\left(-\frac{1}{5}\right) - \frac{17}{10}$

4.  $\frac{10}{19} - \left(-\frac{6}{5}\right)$

5.  $\frac{1}{4} + \left(-\frac{2}{3}\right)$

6.  $\frac{33}{13} \times \left(-\frac{4}{3}\right)$

7.  $\left(-\frac{13}{16}\right) - \frac{18}{7}$

8.  $\frac{49}{19} + \left(-\frac{5}{3}\right)$

9.  $\frac{29}{14} \div \frac{42}{19}$

10.  $\frac{43}{19} \div \left(-\frac{17}{12}\right)$

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# العمليات على الكسور

$$1. \left(-\frac{23}{16}\right) + \left(-\frac{21}{17}\right)$$
$$\frac{727}{272}$$

$$2. \frac{23}{14} \times \left(-\frac{29}{20}\right)$$
$$-\frac{667}{280}$$

$$3. \left(-\frac{1}{5}\right) - \frac{17}{10}$$
$$-\frac{19}{10}$$

$$4. \frac{10}{19} - \left(-\frac{6}{5}\right)$$
$$\frac{164}{95}$$

$$5. \frac{1}{4} + \left(-\frac{2}{3}\right)$$
$$-\frac{5}{12}$$

$$6. \frac{33}{13} \times \left(-\frac{4}{3}\right)$$
$$-\frac{44}{13}$$

$$7. \left(-\frac{13}{16}\right) - \frac{18}{7}$$
$$-\frac{379}{112}$$

$$8. \frac{49}{19} + \left(-\frac{5}{3}\right)$$
$$\frac{52}{57}$$

$$9. \frac{29}{14} \div \frac{42}{19}$$
$$\frac{551}{588}$$

$$10. \frac{43}{19} \div \left(-\frac{17}{12}\right)$$
$$-\frac{516}{323}$$

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# العمليات على الكسور

1.  $\frac{7}{3} \times \frac{13}{8}$

2.  $\frac{9}{8} + \frac{5}{7}$

3.  $\frac{9}{3} - \frac{1}{6}$

4.  $\frac{23}{14} + \frac{20}{19}$

5.  $\frac{20}{5} - \frac{15}{14}$

6.  $\frac{5}{11} \div \frac{26}{11}$

7.  $\frac{1}{7} \times \frac{29}{18}$

8.  $\frac{43}{19} \div \frac{2}{3}$

9.  $\frac{37}{7} - \frac{5}{2}$

10.  $\frac{2}{5} + \frac{2}{5}$

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# العمليات على الكسور

1.  $\frac{7}{3} \times \frac{13}{8}$   
 $\frac{91}{24}$

2.  $\frac{9}{8} + \frac{5}{7}$   
 $\frac{103}{56}$

3.  $\frac{9}{3} - \frac{1}{6}$   
 $\frac{17}{6}$

4.  $\frac{23}{14} + \frac{20}{19}$   
 $\frac{717}{266}$

5.  $\frac{20}{5} - \frac{15}{14}$   
 $\frac{41}{14}$

6.  $\frac{5}{11} \div \frac{26}{11}$   
 $\frac{5}{26}$

7.  $\frac{1}{7} \times \frac{29}{18}$   
 $\frac{29}{126}$

8.  $\frac{43}{19} \div \frac{2}{3}$   
 $\frac{129}{38}$

9.  $\frac{37}{7} - \frac{5}{2}$   
 $\frac{39}{14}$

10.  $\frac{2}{5} + \frac{2}{5}$   
 $\frac{4}{5}$

# العمليات على الكسور

1.  $\frac{34}{15} \div \frac{13}{7}$

2.  $\frac{9}{3} - \frac{12}{5}$

3.  $\frac{12}{13} + \frac{3}{2}$

4.  $\frac{37}{14} \div \frac{8}{5}$

5.  $\frac{1}{3} \times \frac{14}{9}$

6.  $\frac{2}{3} + \frac{13}{6}$

7.  $\frac{2}{3} \times \frac{31}{19}$

8.  $\frac{3}{2} + \frac{11}{7}$

9.  $\frac{58}{13} - \frac{11}{5}$

10.  $\frac{16}{4} - \frac{8}{5}$

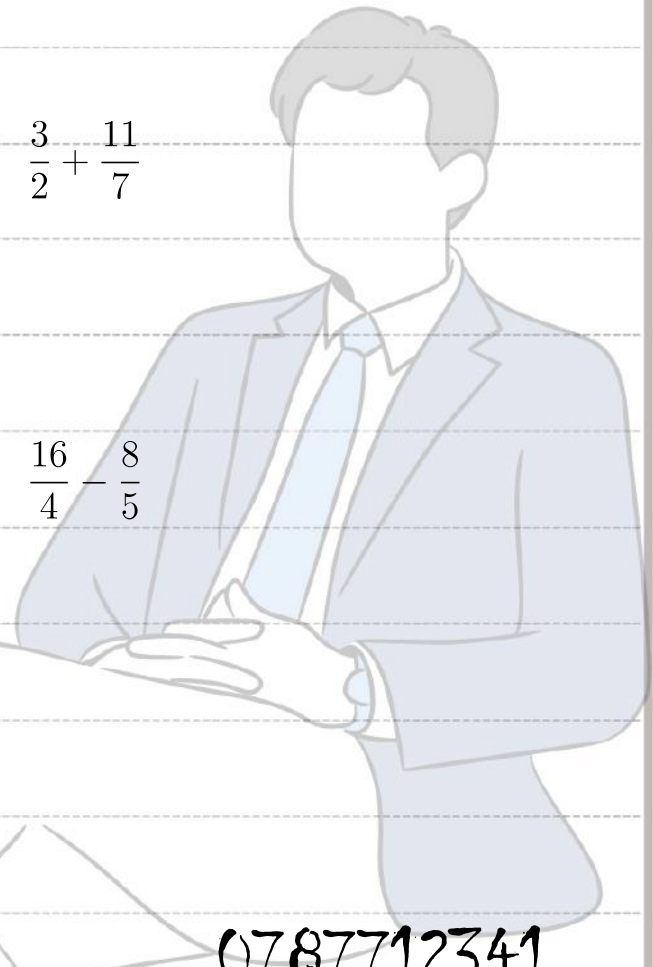
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# العمليات على الكسور

$$1. \quad \frac{34}{15} \div \frac{13}{7}$$
$$\frac{238}{195}$$

$$2. \quad \frac{9}{3} - \frac{12}{5}$$
$$\frac{3}{5}$$

$$3. \quad \frac{12}{13} + \frac{3}{2}$$
$$\frac{63}{26}$$

$$4. \quad \frac{37}{14} \div \frac{8}{5}$$
$$\frac{185}{112}$$

$$5. \quad \frac{1}{3} \times \frac{14}{9}$$
$$\frac{14}{27}$$

$$6. \quad \frac{2}{3} + \frac{13}{6}$$
$$\frac{17}{6}$$

$$7. \quad \frac{2}{3} \times \frac{31}{19}$$
$$\frac{62}{57}$$

$$8. \quad \frac{3}{2} + \frac{11}{7}$$
$$\frac{43}{14}$$

$$9. \quad \frac{58}{13} - \frac{11}{5}$$
$$\frac{147}{65}$$

$$10. \quad \frac{16}{4} - \frac{8}{5}$$
$$\frac{12}{5}$$

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# العمليات على الكسور

1.  $\frac{4}{3} \times \frac{13}{19}$

2.  $\frac{4}{3} + \frac{28}{11}$

3.  $\frac{35}{13} - \frac{7}{3}$

4.  $\frac{13}{9} \times \frac{1}{4}$

5.  $\frac{17}{7} \div \frac{11}{8}$

6.  $\frac{11}{2} - \frac{53}{19}$

7.  $\frac{16}{15} \div \frac{23}{17}$

8.  $\frac{17}{19} + \frac{4}{19}$

9.  $\frac{11}{5} + \frac{33}{14}$

10.  $\frac{8}{3} - \frac{9}{5}$

منهاجي

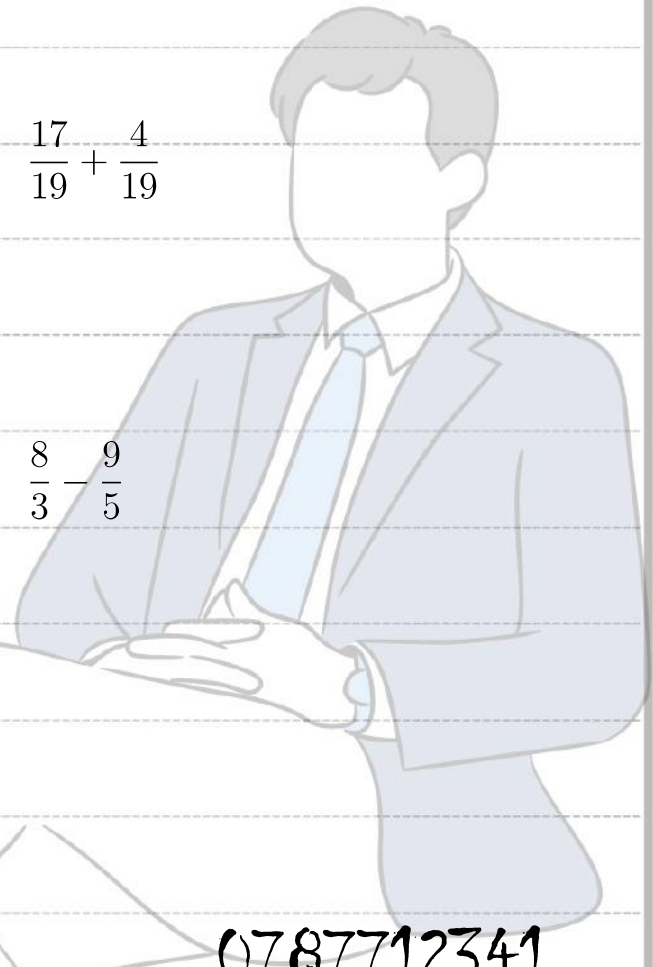
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# العمليات على الكسور

$$1. \quad \frac{4}{3} \times \frac{13}{19}$$
$$\frac{52}{57}$$

$$2. \quad \frac{4}{3} + \frac{28}{11}$$
$$\frac{128}{33}$$

$$3. \quad \frac{35}{13} - \frac{7}{3}$$
$$\frac{14}{39}$$

$$4. \quad \frac{13}{9} \times \frac{1}{4}$$
$$\frac{13}{36}$$

$$5. \quad \frac{17}{7} \div \frac{11}{8}$$
$$\frac{136}{77}$$

$$6. \quad \frac{11}{2} - \frac{53}{19}$$
$$\frac{103}{38}$$

$$7. \quad \frac{16}{15} \div \frac{23}{17}$$
$$\frac{272}{345}$$

$$8. \quad \frac{17}{19} + \frac{4}{19}$$
$$\frac{21}{19}$$

$$9. \quad \frac{11}{5} + \frac{33}{14}$$
$$\frac{319}{70}$$

$$10. \quad \frac{8}{3} - \frac{9}{5}$$
$$\frac{13}{15}$$

# العمليات على الكسور

1.  $\frac{28}{11} - \frac{16}{11}$

2.  $\frac{41}{20} \div \frac{23}{8}$

3.  $\frac{39}{14} - \frac{46}{17}$

4.  $\frac{11}{9} + \frac{15}{7}$

5.  $\frac{8}{5} + \frac{26}{9}$

6.  $\frac{1}{6} \times \frac{8}{3}$

7.  $\frac{11}{14} \times \frac{1}{16}$

8.  $\frac{13}{3} - \frac{57}{20}$

9.  $\frac{1}{13} + \frac{5}{2}$

10.  $\frac{8}{11} \div \frac{1}{14}$

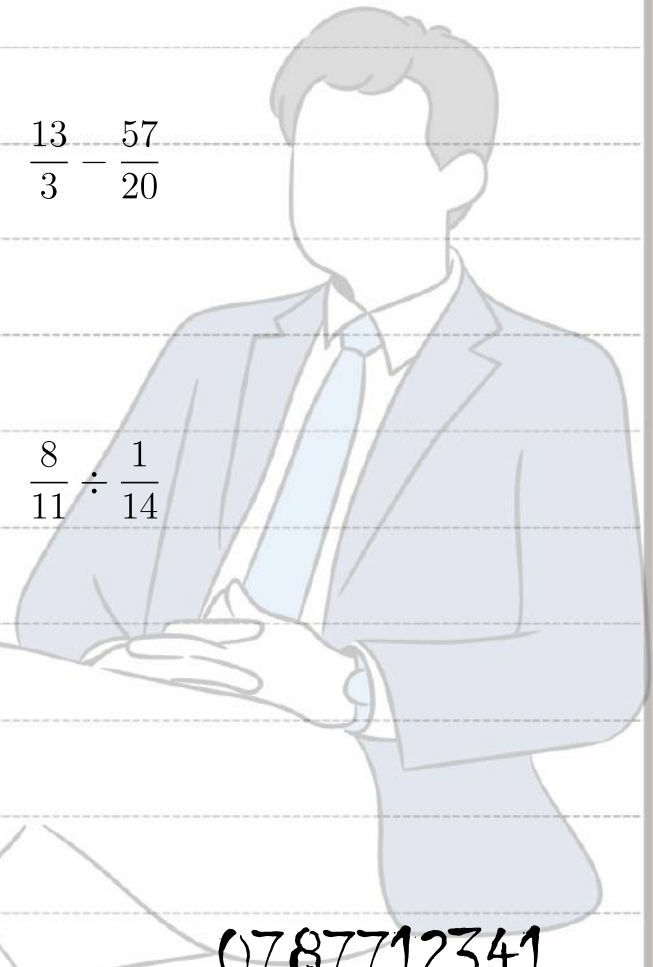
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# العمليات على الكسور

$$1. \quad \frac{28}{11} - \frac{16}{11}$$
$$\frac{12}{11}$$

$$2. \quad \frac{41}{20} \div \frac{23}{8}$$
$$\frac{82}{115}$$

$$3. \quad \frac{39}{14} - \frac{46}{17}$$
$$\frac{19}{238}$$

$$4. \quad \frac{11}{9} + \frac{15}{7}$$
$$\frac{212}{63}$$

$$5. \quad \frac{8}{5} + \frac{26}{9}$$
$$\frac{202}{45}$$

$$6. \quad \frac{1}{6} \times \frac{8}{3}$$
$$\frac{4}{9}$$

$$7. \quad \frac{11}{14} \times \frac{1}{16}$$
$$\frac{11}{224}$$

$$8. \quad \frac{13}{3} - \frac{57}{20}$$
$$\frac{89}{60}$$

$$9. \quad \frac{1}{13} + \frac{5}{2}$$
$$\frac{67}{26}$$

$$10. \quad \frac{8}{11} \div \frac{1}{14}$$
$$\frac{112}{11}$$

# العمليات على الكسور

1.  $\frac{3}{4} \times \frac{19}{16}$

2.  $\frac{4}{2} - \frac{1}{3}$

3.  $\frac{4}{3} \div \frac{2}{7}$

4.  $\frac{13}{12} \times \frac{9}{5}$

5.  $\frac{7}{3} + \frac{13}{8}$

6.  $\frac{13}{8} - \frac{1}{2}$

7.  $\frac{21}{6} - \frac{17}{13}$

8.  $\frac{46}{19} + \frac{11}{14}$

9.  $\frac{25}{17} \div \frac{45}{16}$

10.  $\frac{27}{16} + \frac{12}{11}$

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# العمليات على الكسور

$$1. \quad \frac{3}{4} \times \frac{19}{16}$$
$$\frac{57}{64}$$

$$2. \quad \frac{4}{2} - \frac{1}{3}$$
$$\frac{5}{3}$$

$$3. \quad \frac{4}{3} \div \frac{2}{7}$$
$$\frac{14}{3}$$

$$4. \quad \frac{13}{12} \times \frac{9}{5}$$
$$\frac{39}{20}$$

$$5. \quad \frac{7}{3} + \frac{13}{8}$$
$$\frac{95}{24}$$

$$6. \quad \frac{13}{8} - \frac{1}{2}$$
$$\frac{9}{8}$$

$$7. \quad \frac{21}{6} - \frac{17}{13}$$
$$\frac{57}{26}$$

$$8. \quad \frac{46}{19} + \frac{11}{14}$$
$$\frac{853}{266}$$

$$9. \quad \frac{25}{17} \div \frac{45}{16}$$
$$\frac{80}{153}$$

$$10. \quad \frac{27}{16} + \frac{12}{11}$$
$$\frac{489}{176}$$

# العمليات على الكسور

1.  $\frac{19}{15} \times \frac{2}{11}$

2.  $\frac{1}{3} + \frac{37}{16}$

3.  $\frac{19}{7} + \frac{5}{2}$

4.  $\frac{39}{20} \times \frac{37}{13}$

5.  $\frac{2}{5} + \frac{15}{7}$

6.  $\frac{30}{6} - \frac{19}{9}$

7.  $\frac{27}{11} - \frac{13}{7}$

8.  $\frac{13}{7} \div \frac{19}{7}$

9.  $\frac{12}{5} - \frac{12}{7}$

10.  $\frac{23}{15} \div \frac{7}{9}$

منهاجي

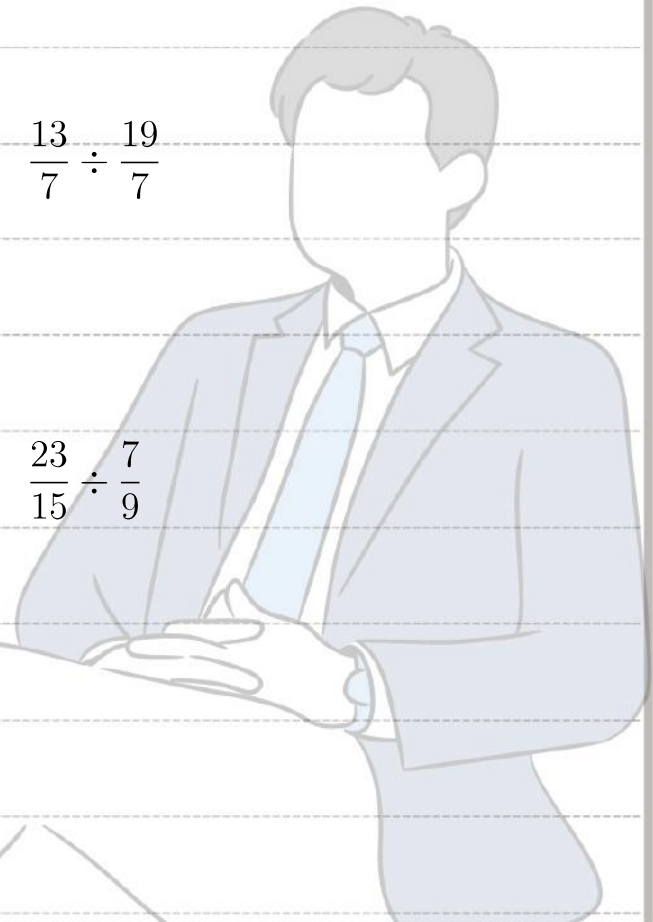
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# العمليات على الكسور

$$1. \quad \frac{19}{15} \times \frac{2}{11}$$
$$\frac{38}{165}$$

$$2. \quad \frac{1}{3} + \frac{37}{16}$$
$$\frac{127}{48}$$

$$3. \quad \frac{19}{7} + \frac{5}{2}$$
$$\frac{73}{14}$$

$$4. \quad \frac{39}{20} \times \frac{37}{13}$$
$$\frac{111}{20}$$

$$5. \quad \frac{2}{5} + \frac{15}{7}$$
$$\frac{89}{35}$$

$$6. \quad \frac{30}{6} - \frac{19}{9}$$
$$\frac{26}{9}$$

$$7. \quad \frac{27}{11} - \frac{13}{7}$$
$$\frac{46}{77}$$

$$8. \quad \frac{13}{7} \div \frac{19}{7}$$
$$\frac{13}{19}$$

$$9. \quad \frac{12}{5} - \frac{12}{7}$$
$$\frac{24}{35}$$

$$10. \quad \frac{23}{15} \div \frac{7}{9}$$
$$\frac{69}{35}$$

منهاجي

متعة التعليم العادف



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# العمليات على الكسور

1.  $\frac{11}{16} + \frac{8}{11}$

2.  $\frac{6}{2} - \frac{22}{17}$

3.  $\frac{5}{13} \div \frac{43}{16}$

4.  $\frac{5}{2} \times \frac{42}{19}$

5.  $\frac{4}{2} - \frac{5}{14}$

6.  $\frac{4}{2} - \frac{18}{13}$

7.  $\frac{4}{13} \times \frac{1}{9}$

8.  $\frac{5}{2} + \frac{18}{13}$

9.  $\frac{4}{7} + \frac{12}{5}$

10.  $\frac{7}{3} \div \frac{2}{9}$

منهاجي

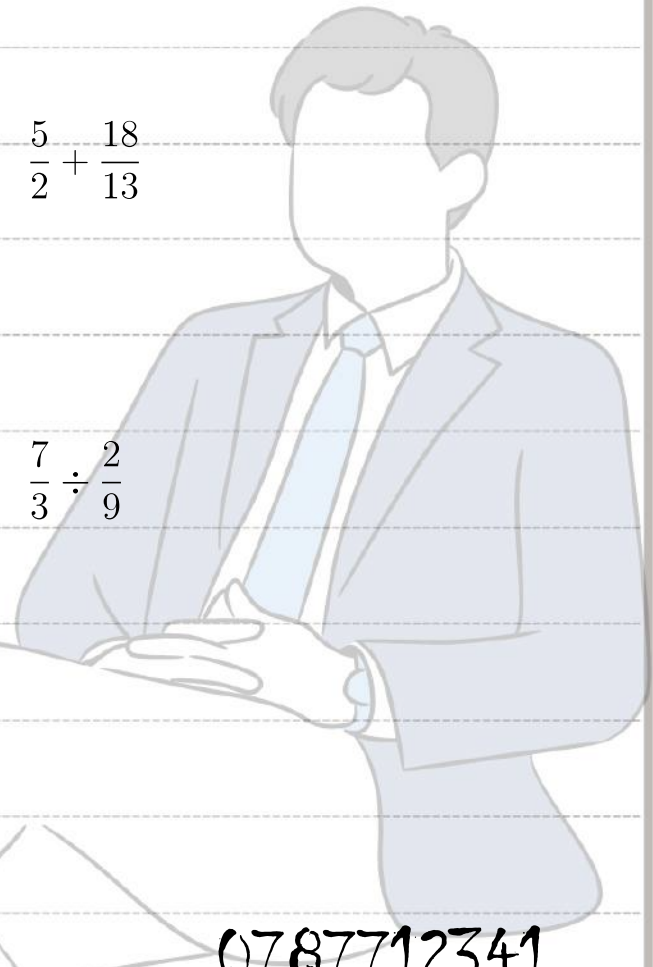
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# العمليات على الكسور

$$1. \quad \frac{11}{16} + \frac{8}{11}$$
$$\frac{249}{176}$$

$$2. \quad \frac{6}{2} - \frac{22}{17}$$
$$\frac{29}{17}$$

$$3. \quad \frac{5}{13} \div \frac{43}{16}$$
$$\frac{80}{559}$$

$$4. \quad \frac{5}{2} \times \frac{42}{19}$$
$$\frac{105}{19}$$

$$5. \quad \frac{4}{2} - \frac{5}{14}$$
$$\frac{23}{14}$$

$$6. \quad \frac{4}{2} - \frac{18}{13}$$
$$\frac{8}{13}$$

$$7. \quad \frac{4}{13} \times \frac{1}{9}$$
$$\frac{4}{117}$$

$$8. \quad \frac{5}{2} + \frac{18}{13}$$
$$\frac{101}{26}$$

$$9. \quad \frac{4}{7} + \frac{12}{5}$$
$$\frac{104}{35}$$

$$10. \quad \frac{7}{3} \div \frac{2}{9}$$
$$\frac{21}{2}$$

# العمليات على الكسور

1.  $\frac{7}{6} \times \frac{20}{11}$

2.  $\frac{6}{11} - \frac{1}{3}$

3.  $\frac{1}{14} + \frac{7}{13}$

4.  $\frac{14}{5} - \frac{7}{3}$

5.  $\frac{3}{4} \div \frac{3}{2}$

6.  $\frac{16}{15} + \frac{32}{17}$

7.  $\frac{1}{6} \div \frac{5}{2}$

8.  $\frac{33}{14} \times \frac{13}{15}$

9.  $\frac{18}{5} - \frac{35}{19}$

10.  $\frac{5}{3} + \frac{1}{3}$

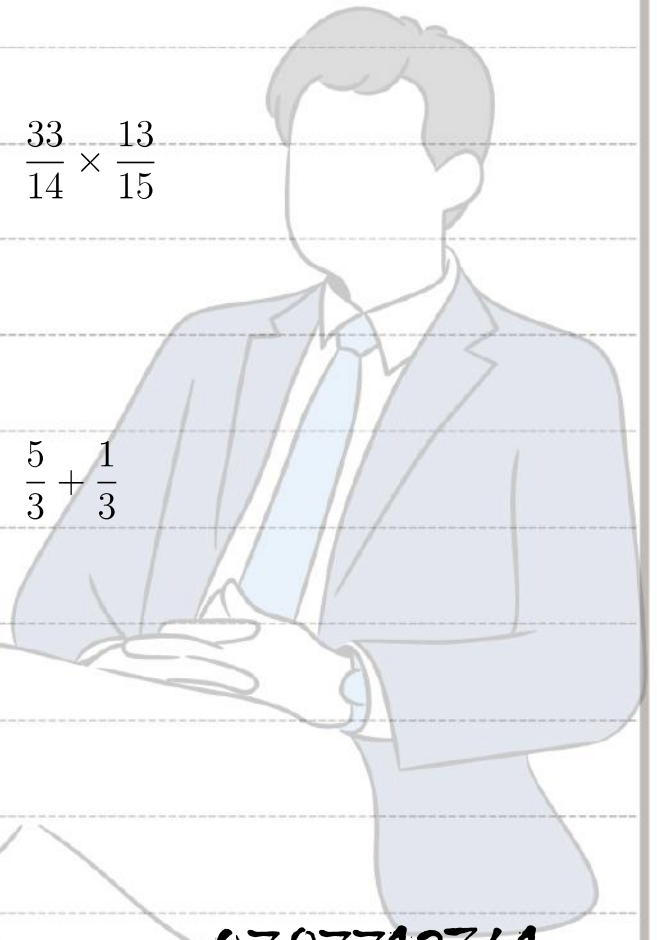
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# العمليات على الكسور

$$1. \quad \frac{7}{6} \times \frac{20}{11}$$
$$\frac{70}{33}$$

$$2. \quad \frac{6}{11} - \frac{1}{3}$$
$$\frac{7}{33}$$

$$3. \quad \frac{1}{14} + \frac{7}{13}$$
$$\frac{111}{182}$$

$$4. \quad \frac{14}{5} - \frac{7}{3}$$
$$\frac{7}{15}$$

$$5. \quad \frac{3}{4} \div \frac{3}{2}$$
$$\frac{1}{2}$$

$$6. \quad \frac{16}{15} + \frac{32}{17}$$
$$\frac{752}{255}$$

$$7. \quad \frac{1}{6} \div \frac{5}{2}$$
$$\frac{1}{15}$$

$$8. \quad \frac{33}{14} \times \frac{13}{15}$$
$$\frac{143}{70}$$

$$9. \quad \frac{18}{5} - \frac{35}{19}$$
$$\frac{167}{95}$$

$$10. \quad \frac{5}{3} + \frac{1}{3}$$
$$2$$

# العمليات على الكسور

1.  $\frac{36}{7} - \frac{19}{7}$

2.  $\frac{1}{2} \div \frac{7}{3}$

3.  $\frac{2}{2} - \frac{1}{3}$

4.  $\frac{21}{8} + \frac{49}{18}$

5.  $\frac{37}{9} - \frac{5}{2}$

6.  $\frac{17}{7} + \frac{5}{4}$

7.  $\frac{7}{19} \times \frac{55}{19}$

8.  $\frac{14}{5} \div \frac{37}{14}$

9.  $\frac{34}{19} \times \frac{2}{5}$

10.  $\frac{2}{3} + \frac{6}{5}$

منهاجي

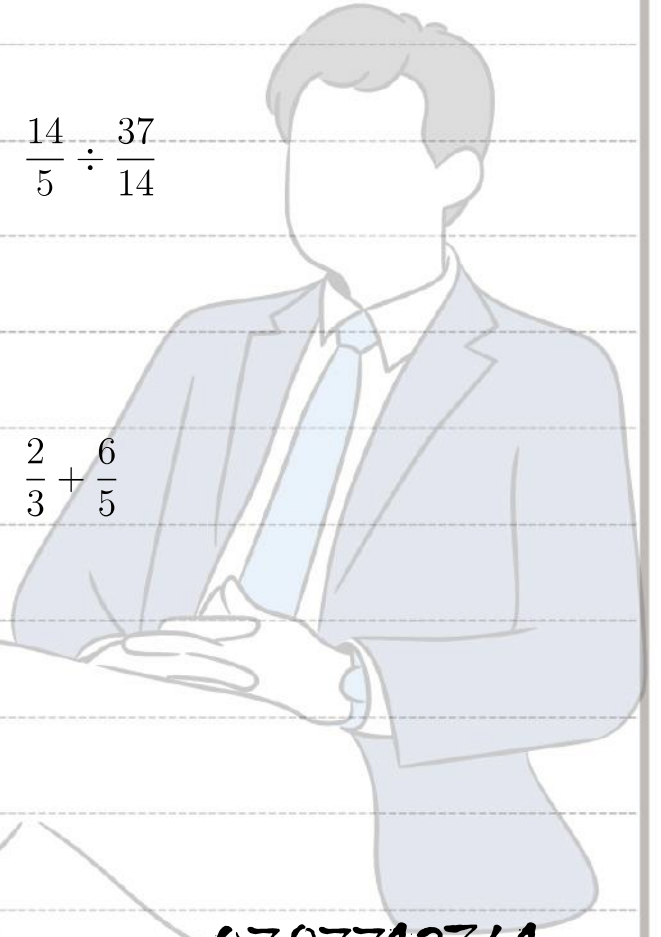
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# العمليات على الكسور

$$1. \quad \frac{36}{7} - \frac{19}{7}$$
$$\frac{17}{7}$$

$$2. \quad \frac{1}{2} \div \frac{7}{3}$$
$$\frac{3}{14}$$

$$3. \quad \frac{2}{2} - \frac{1}{3}$$
$$\frac{2}{3}$$

$$4. \quad \frac{21}{8} + \frac{49}{18}$$
$$\frac{385}{72}$$

$$5. \quad \frac{37}{9} - \frac{5}{2}$$
$$\frac{29}{18}$$

$$6. \quad \frac{17}{7} + \frac{5}{4}$$
$$\frac{103}{28}$$

$$7. \quad \frac{7}{19} \times \frac{55}{19}$$
$$\frac{385}{361}$$

$$8. \quad \frac{14}{5} \div \frac{37}{14}$$
$$\frac{196}{185}$$

$$9. \quad \frac{34}{19} \times \frac{2}{5}$$
$$\frac{68}{95}$$

$$10. \quad \frac{2}{3} + \frac{6}{5}$$
$$\frac{28}{15}$$

# العمليات على الكسور

1.  $\frac{57}{14} - \frac{14}{5}$

2.  $\frac{19}{20} \div \frac{4}{3}$

3.  $\frac{10}{7} \times \frac{10}{11}$

4.  $\frac{53}{18} + \frac{26}{11}$

5.  $\frac{54}{19} - \frac{1}{10}$

6.  $\frac{33}{8} - \frac{31}{14}$

7.  $\frac{16}{9} \div \frac{7}{8}$

8.  $\frac{12}{7} + \frac{4}{3}$

9.  $\frac{14}{13} + \frac{9}{5}$

10.  $\frac{15}{11} \times \frac{3}{2}$

منهاجي

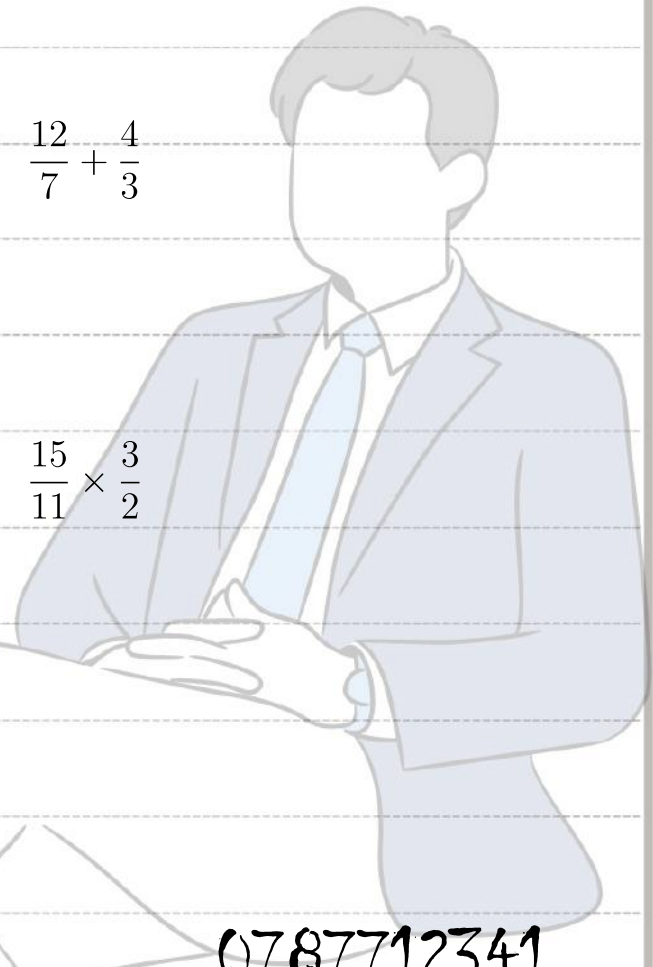
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# العمليات على الكسور

$$1. \quad \frac{57}{14} - \frac{14}{5}$$
$$\frac{89}{70}$$

$$2. \quad \frac{19}{20} \div \frac{4}{3}$$
$$\frac{57}{80}$$

$$3. \quad \frac{10}{7} \times \frac{10}{11}$$
$$\frac{100}{77}$$

$$4. \quad \frac{53}{18} + \frac{26}{11}$$
$$\frac{1051}{198}$$

$$5. \quad \frac{54}{19} - \frac{1}{10}$$
$$\frac{521}{190}$$

$$6. \quad \frac{33}{8} - \frac{31}{14}$$
$$\frac{107}{56}$$

$$7. \quad \frac{16}{9} \div \frac{7}{8}$$
$$\frac{128}{63}$$

$$8. \quad \frac{12}{7} + \frac{4}{3}$$
$$\frac{64}{21}$$

$$9. \quad \frac{14}{13} + \frac{9}{5}$$
$$\frac{187}{65}$$

$$10. \quad \frac{15}{11} \times \frac{3}{2}$$
$$\frac{45}{22}$$

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# العمليات على الكسور

1.  $-1\frac{8}{11} \times 1\frac{7}{11} =$

2.  $3\frac{1}{8} \times -2\frac{5}{6} =$

3.  $-3\frac{5}{7} \times -2\frac{1}{7} =$

4.  $-2\frac{1}{2} \times 2\frac{1}{3} =$

5.  $-3\frac{7}{12} \times 2\frac{5}{6} =$

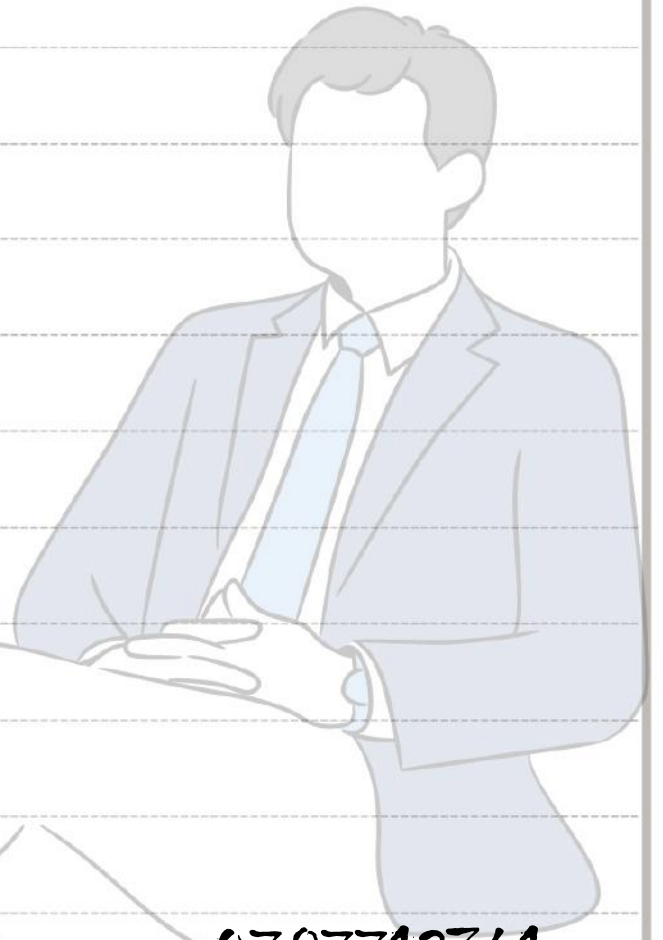
6.  $2\frac{5}{6} \times -3\frac{3}{7} =$

7.  $-2\frac{8}{11} \times -3\frac{7}{12} =$

8.  $-2\frac{1}{3} \times -3\frac{1}{3} =$

9.  $3\frac{1}{3} \times -2\frac{11}{12} =$

10.  $-1\frac{9}{11} \times 3\frac{1}{10} =$



# العمليات على الكسور

$$1. -1\frac{8}{11} \times 1\frac{7}{11} = -\frac{19}{11} \times \frac{18}{11} = -\frac{342}{121} = -2\frac{100}{121}$$

$$2. 3\frac{1}{8} \times -2\frac{5}{6} = \frac{25}{8} \times -\frac{17}{6} = -\frac{425}{48} = -8\frac{41}{48}$$

$$3. -3\frac{5}{7} \times -2\frac{1}{7} = -\frac{26}{7} \times -\frac{15}{7} = \frac{390}{49} = 7\frac{47}{49}$$

$$4. -2\frac{1}{2} \times 2\frac{1}{3} = -\frac{5}{2} \times \frac{7}{3} = -\frac{35}{6} = -5\frac{5}{6}$$

$$5. -3\frac{7}{12} \times 2\frac{5}{6} = -\frac{43}{12} \times \frac{17}{6} = -\frac{731}{72} = -10\frac{11}{72}$$

$$6. 2\frac{5}{6} \times -3\frac{3}{7} = \frac{17}{6} \times -\frac{24}{7} = -\frac{68}{7} = -9\frac{5}{7}$$

$$7. -2\frac{8}{11} \times -3\frac{7}{12} = -\frac{30}{11} \times -\frac{43}{12} = \frac{215}{22} = 9\frac{17}{22}$$

$$8. -2\frac{1}{3} \times -3\frac{1}{3} = -\frac{7}{3} \times -\frac{10}{3} = \frac{70}{9} = 7\frac{7}{9}$$

$$9. 3\frac{1}{3} \times -2\frac{11}{12} = \frac{10}{3} \times -\frac{35}{12} = -\frac{175}{18} = -9\frac{13}{18}$$

$$10. -1\frac{9}{11} \times 3\frac{1}{10} = -\frac{20}{11} \times \frac{31}{10} = -\frac{62}{11} = -5\frac{7}{11}$$

# العمليات على الكسور

1.  $-3\frac{7}{12} \times 1\frac{5}{8} =$

2.  $-1\frac{1}{11} \times -3\frac{4}{5} =$

3.  $3\frac{4}{7} \times -2\frac{3}{8} =$

4.  $-1\frac{8}{9} \times 1\frac{7}{10} =$

5.  $1\frac{11}{12} \times -1\frac{7}{10} =$

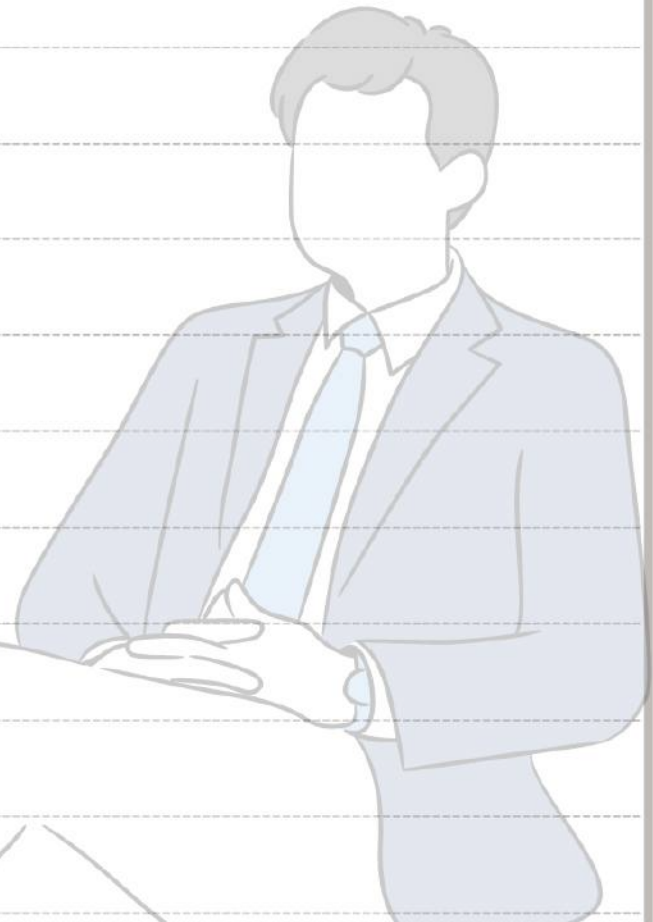
6.  $1\frac{2}{7} \times -3\frac{1}{3} =$

7.  $-3\frac{9}{10} \times -3\frac{1}{12} =$

8.  $-1\frac{1}{11} \times 3\frac{7}{8} =$

9.  $1\frac{1}{4} \times -1\frac{1}{10} =$

10.  $-3\frac{3}{10} \times -3\frac{3}{10} =$



# العمليات على الكسور

$$1. -3\frac{7}{12} \times 1\frac{5}{8} = -\frac{43}{12} \times \frac{13}{8} = -\frac{559}{96} = -5\frac{79}{96}$$

$$2. -1\frac{1}{11} \times -3\frac{4}{5} = -\frac{12}{11} \times -\frac{19}{5} = \frac{228}{55} = 4\frac{8}{55}$$

$$3. 3\frac{4}{7} \times -2\frac{3}{8} = \frac{25}{7} \times -\frac{19}{8} = -\frac{475}{56} = -8\frac{27}{56}$$

$$4. -1\frac{8}{9} \times 1\frac{7}{10} = -\frac{17}{9} \times \frac{17}{10} = -\frac{289}{90} = -3\frac{19}{90}$$

$$5. 1\frac{11}{12} \times -1\frac{7}{10} = \frac{23}{12} \times -\frac{17}{10} = -\frac{391}{120} = -3\frac{31}{120}$$

$$6. 1\frac{2}{7} \times -3\frac{1}{3} = \frac{9^3}{7} \times -\frac{10}{3_1} = -\frac{30}{7} = -4\frac{2}{7}$$

$$7. -3\frac{9}{10} \times -3\frac{1}{12} = -\frac{39^{13}}{10} \times -\frac{37}{12_4} = \frac{481}{40} = 12\frac{1}{40}$$

$$8. -1\frac{1}{11} \times 3\frac{7}{8} = -\frac{12^3}{11} \times \frac{31}{8_2} = -\frac{93}{22} = -4\frac{5}{22}$$

$$9. 1\frac{1}{4} \times -1\frac{1}{10} = \frac{5^1}{4} \times -\frac{11}{10_2} = -\frac{11}{8} = -1\frac{3}{8}$$

$$10. -3\frac{3}{10} \times -3\frac{3}{10} = -\frac{33}{10} \times -\frac{33}{10} = \frac{1089}{100} = 10\frac{89}{100}$$

# العمليات على الكسور

1.  $-2\frac{7}{12} \times -1\frac{1}{10} =$

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

3.  $-3\frac{5}{11} \times 3\frac{2}{7} =$

4.  $-2\frac{3}{10} \times -2\frac{7}{8} =$

5.  $-3\frac{3}{4} \times -2\frac{8}{11} =$

6.  $2\frac{1}{2} \times -3\frac{1}{11} =$

7.  $-2\frac{2}{9} \times 2\frac{9}{10} =$

8.  $3\frac{8}{9} \times -3\frac{9}{11} =$

9.  $-2\frac{10}{11} \times 1\frac{1}{6} =$

10.  $-3\frac{8}{9} \times -3\frac{5}{8} =$



# العمليات على الكسور

$$1. -2\frac{7}{12} \times -1\frac{1}{10} = -\frac{31}{12} \times -\frac{11}{10} = \frac{341}{120} = 2\frac{101}{120}$$

$$2. 3\frac{1}{2} \times -2\frac{3}{5} = \frac{7}{2} \times -\frac{13}{5} = -\frac{91}{10} = -9\frac{1}{10}$$

$$3. -3\frac{5}{11} \times 3\frac{2}{7} = -\frac{38}{11} \times \frac{23}{7} = -\frac{874}{77} = -11\frac{27}{77}$$

$$4. -2\frac{3}{10} \times -2\frac{7}{8} = -\frac{23}{10} \times -\frac{23}{8} = \frac{529}{80} = 6\frac{49}{80}$$

$$5. -3\frac{3}{4} \times -2\frac{8}{11} = -\frac{15}{4} \times -\frac{30}{11} = \frac{225}{11} = 20\frac{5}{11}$$

$$6. 2\frac{1}{2} \times -3\frac{1}{11} = \frac{5}{2} \times -\frac{34}{11} = -\frac{85}{11} = -7\frac{8}{11}$$

$$7. -2\frac{2}{9} \times 2\frac{9}{10} = -\frac{20}{9} \times \frac{29}{10} = -\frac{58}{9} = -6\frac{4}{9}$$

$$8. 3\frac{8}{9} \times -3\frac{9}{11} = \frac{35}{9} \times -\frac{42}{11} = -\frac{490}{33} = -14\frac{28}{33}$$

$$9. -2\frac{10}{11} \times 1\frac{1}{6} = -\frac{32}{11} \times \frac{7}{6} = -\frac{112}{33} = -3\frac{13}{33}$$

$$10. -3\frac{8}{9} \times -3\frac{5}{8} = -\frac{35}{9} \times -\frac{29}{8} = \frac{1015}{72} = 14\frac{7}{72}$$

# العمليات على الكسور

1.  $-1\frac{2}{7} \times 1\frac{3}{5} =$

2.  $1\frac{8}{11} \times -3\frac{1}{5} =$

3.  $-2\frac{5}{9} \times 1\frac{1}{2} =$

4.  $1\frac{1}{2} \times -2\frac{2}{7} =$

5.  $2\frac{5}{6} \times -1\frac{1}{10} =$

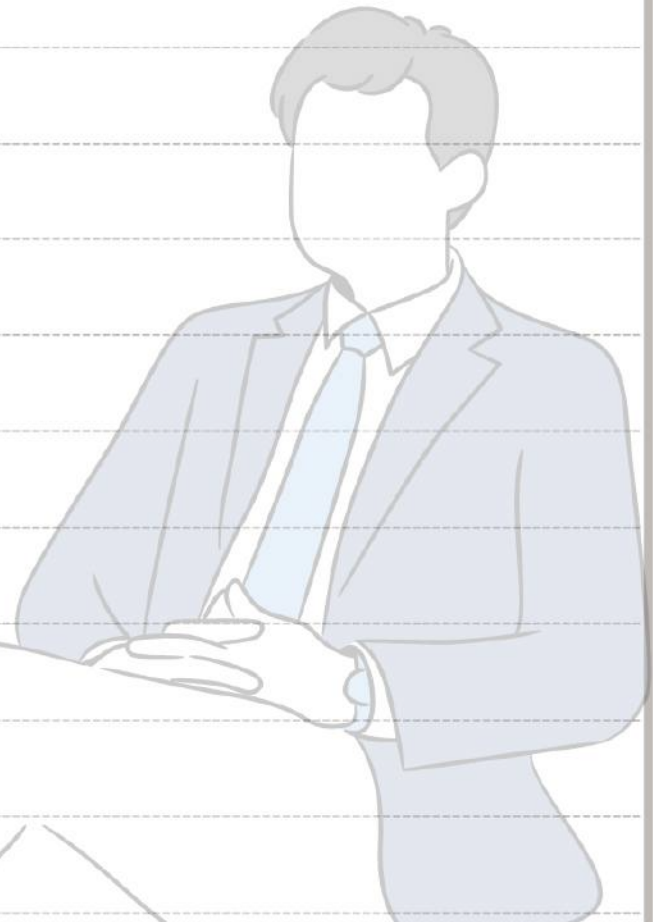
6.  $-2\frac{1}{6} \times 2\frac{5}{7} =$

7.  $-2\frac{1}{6} \times -3\frac{3}{10} =$

8.  $-2\frac{1}{6} \times -1\frac{5}{6} =$

9.  $3\frac{1}{4} \times -2\frac{3}{8} =$

10.  $-1\frac{1}{8} \times -1\frac{11}{12} =$



# العمليات على الكسور

$$1. -1\frac{2}{7} \times 1\frac{3}{5} = -\frac{9}{7} \times \frac{8}{5} = -\frac{72}{35} = -2\frac{2}{35}$$

$$2. 1\frac{8}{11} \times -3\frac{1}{5} = \frac{19}{11} \times -\frac{16}{5} = -\frac{304}{55} = -5\frac{29}{55}$$

$$3. -2\frac{5}{9} \times 1\frac{1}{2} = -\frac{23}{9} \times \frac{3}{2} = -\frac{23}{6} = -3\frac{5}{6}$$

$$4. 1\frac{1}{2} \times -2\frac{2}{7} = \frac{3}{2} \times -\frac{16}{7} = -\frac{24}{7} = -3\frac{3}{7}$$

$$5. 2\frac{5}{6} \times -1\frac{1}{10} = \frac{17}{6} \times -\frac{11}{10} = -\frac{187}{60} = -3\frac{7}{60}$$

$$6. -2\frac{1}{6} \times 2\frac{5}{7} = -\frac{13}{6} \times \frac{19}{7} = -\frac{247}{42} = -5\frac{37}{42}$$

$$7. -2\frac{1}{6} \times -3\frac{3}{10} = -\frac{13}{6} \times -\frac{33}{10} = \frac{143}{20} = 7\frac{3}{20}$$

$$8. -2\frac{1}{6} \times -1\frac{5}{6} = -\frac{13}{6} \times -\frac{11}{6} = \frac{143}{36} = 3\frac{35}{36}$$

$$9. 3\frac{1}{4} \times -2\frac{3}{8} = \frac{13}{4} \times -\frac{19}{8} = -\frac{247}{32} = -7\frac{23}{32}$$

$$10. -1\frac{1}{8} \times -1\frac{11}{12} = -\frac{9}{8} \times -\frac{23}{12} = \frac{69}{32} = 2\frac{5}{32}$$



# العمليات على الكسور

1.  $-3\frac{1}{6} \times 1\frac{3}{4} =$

2.  $-3\frac{5}{6} \times -3\frac{3}{11} =$

3.  $-1\frac{3}{5} \times -1\frac{7}{8} =$

4.  $2\frac{2}{9} \times -1\frac{1}{3} =$

5.  $-2\frac{6}{11} \times -2\frac{1}{2} =$

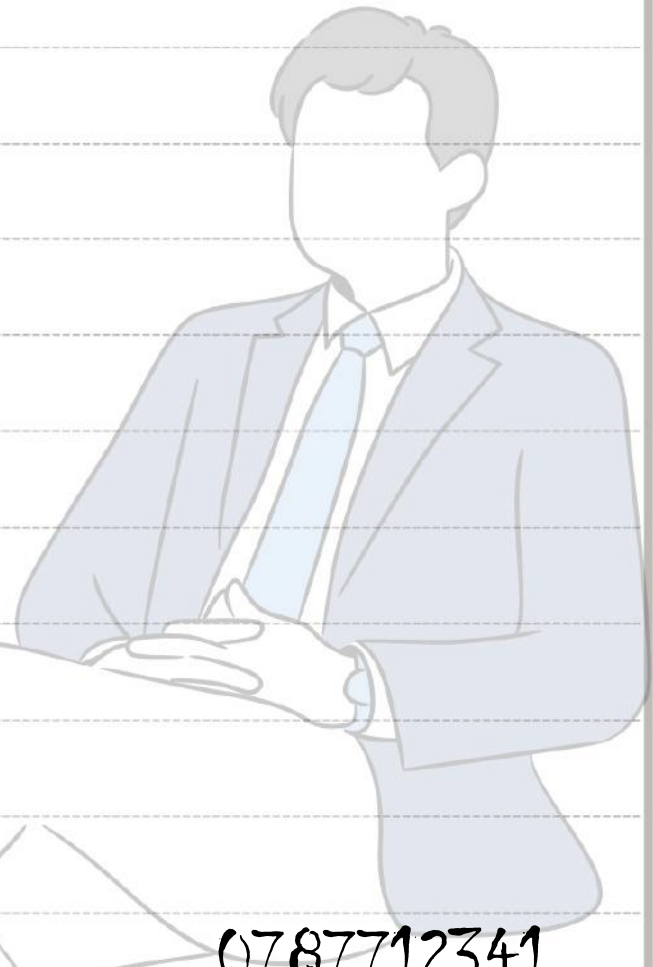
6.  $-2\frac{7}{10} \times -2\frac{11}{12} =$

7.  $2\frac{3}{7} \times -3\frac{5}{6} =$

8.  $-1\frac{1}{3} \times 3\frac{9}{10} =$

9.  $-3\frac{3}{4} \times 1\frac{1}{5} =$

10.  $-2\frac{2}{7} \times 1\frac{11}{12} =$



# العمليات على الكسور

$$1. -3\frac{1}{6} \times 1\frac{3}{4} = -\frac{19}{6} \times \frac{7}{4} = -\frac{133}{24} = -5\frac{13}{24}$$

$$2. -3\frac{5}{6} \times -3\frac{3}{11} = -\frac{23}{6} \times -\frac{36}{11} = \frac{138}{11} = 12\frac{6}{11}$$

$$3. -1\frac{3}{5} \times -1\frac{7}{8} = -\frac{8}{5} \times -\frac{15}{8} = \frac{3}{1} = 3$$

$$4. 2\frac{2}{9} \times -1\frac{1}{3} = \frac{20}{9} \times -\frac{4}{3} = -\frac{80}{27} = -2\frac{26}{27}$$

$$5. -2\frac{6}{11} \times -2\frac{1}{2} = -\frac{28}{11} \times -\frac{5}{2} = \frac{70}{11} = 6\frac{4}{11}$$

$$6. -2\frac{7}{10} \times -2\frac{11}{12} = -\frac{27}{10} \times -\frac{35}{12} = \frac{63}{8} = 7\frac{7}{8}$$

$$7. 2\frac{3}{7} \times -3\frac{5}{6} = \frac{17}{7} \times -\frac{23}{6} = -\frac{391}{42} = -9\frac{13}{42}$$

$$8. -1\frac{1}{3} \times 3\frac{9}{10} = -\frac{4}{3} \times \frac{39}{10} = -\frac{26}{5} = -5\frac{1}{5}$$

$$9. -3\frac{3}{4} \times 1\frac{1}{5} = -\frac{15}{4} \times \frac{6}{5} = -\frac{9}{2} = -4\frac{1}{2}$$

$$10. -2\frac{2}{7} \times 1\frac{11}{12} = -\frac{16}{7} \times \frac{23}{12} = -\frac{92}{21} = -4\frac{8}{21}$$

# العمليات على الكسور

1.  $-2\frac{3}{10} \times -2\frac{5}{6} =$

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

3.  $-3\frac{1}{2} \times 2\frac{10}{11} =$

4.  $2\frac{11}{12} \times -1\frac{7}{10} =$

5.  $1\frac{9}{10} \times -3\frac{6}{7} =$

6.  $1\frac{4}{9} \times -3\frac{1}{2} =$

7.  $-2\frac{4}{9} \times 2\frac{3}{4} =$

8.  $3\frac{3}{4} \times -3\frac{1}{2} =$

9.  $-3\frac{1}{2} \times 1\frac{5}{6} =$

10.  $-1\frac{6}{7} \times 1\frac{7}{12} =$

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# العمليات على الكسور

$$1. -2\frac{3}{10} \times -2\frac{5}{6} = -\frac{23}{10} \times -\frac{17}{6} = \frac{391}{60} = 6\frac{31}{60}$$

$$2. -3\frac{5}{6} \times -1\frac{1}{6} = -\frac{23}{6} \times -\frac{7}{6} = \frac{161}{36} = 4\frac{17}{36}$$

$$3. -3\frac{1}{2} \times 2\frac{10}{11} = -\frac{7}{2} \times \frac{32}{11} = -\frac{112}{11} = -10\frac{2}{11}$$

$$4. 2\frac{11}{12} \times -1\frac{7}{10} = \frac{35}{12} \times -\frac{17}{10} = -\frac{119}{24} = -4\frac{23}{24}$$

$$5. 1\frac{9}{10} \times -3\frac{6}{7} = \frac{19}{10} \times -\frac{27}{7} = -\frac{513}{70} = -7\frac{23}{70}$$

$$6. 1\frac{4}{9} \times -3\frac{1}{2} = \frac{13}{9} \times -\frac{7}{2} = -\frac{91}{18} = -5\frac{1}{18}$$

$$7. -2\frac{4}{9} \times 2\frac{3}{4} = -\frac{22}{9} \times \frac{11}{4} = -\frac{121}{18} = -6\frac{13}{18}$$

$$8. 3\frac{3}{4} \times -3\frac{1}{2} = \frac{15}{4} \times -\frac{7}{2} = -\frac{105}{8} = -13\frac{1}{8}$$

$$9. -3\frac{1}{2} \times 1\frac{5}{6} = -\frac{7}{2} \times \frac{11}{6} = -\frac{77}{12} = -6\frac{5}{12}$$

$$10. -1\frac{6}{7} \times 1\frac{7}{12} = -\frac{13}{7} \times \frac{19}{12} = -\frac{247}{84} = -2\frac{79}{84}$$



# العمليات على الكسور

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

2.  $1\frac{9}{10} \times -1\frac{6}{7} =$

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

4.  $-3\frac{8}{9} \times 1\frac{6}{11} =$

5.  $3\frac{7}{8} \times -2\frac{1}{4} =$

6.  $-1\frac{1}{2} \times -1\frac{1}{2} =$

7.  $-3\frac{11}{12} \times -1\frac{11}{12} =$

8.  $2\frac{1}{7} \times -2\frac{3}{4} =$

9.  $-1\frac{1}{3} \times 3\frac{1}{10} =$

10.  $-2\frac{6}{7} \times 1\frac{3}{10} =$



# العمليات على الكسور

$$1. -1\frac{5}{9} \times -2\frac{1}{4} = -\frac{14^7}{9^1} \times -\frac{9^1}{4^2} = \frac{7}{2} = 3\frac{1}{2}$$

$$2. 1\frac{9}{10} \times -1\frac{6}{7} = \frac{19}{10} \times -\frac{13}{7} = -\frac{247}{70} = -3\frac{37}{70}$$

$$3. 3\frac{2}{3} \times -1\frac{5}{6} = \frac{11}{3} \times -\frac{11}{6} = -\frac{121}{18} = -6\frac{13}{18}$$

$$4. -3\frac{8}{9} \times 1\frac{6}{11} = -\frac{35}{9} \times \frac{17}{11} = -\frac{595}{99} = -6\frac{1}{99}$$

$$5. 3\frac{7}{8} \times -2\frac{1}{4} = \frac{31}{8} \times -\frac{9}{4} = -\frac{279}{32} = -8\frac{23}{32}$$

$$6. -1\frac{1}{2} \times -1\frac{1}{2} = -\frac{3}{2} \times -\frac{3}{2} = \frac{9}{4} = 2\frac{1}{4}$$

$$7. -3\frac{11}{12} \times -1\frac{11}{12} = -\frac{47}{12} \times -\frac{23}{12} = \frac{1081}{144} = 7\frac{73}{144}$$

$$8. 2\frac{1}{7} \times -2\frac{3}{4} = \frac{15}{7} \times -\frac{11}{4} = -\frac{165}{28} = -5\frac{25}{28}$$

$$9. -1\frac{1}{3} \times 3\frac{1}{10} = -\frac{4^2}{3} \times \frac{31}{10^5} = -\frac{62}{15} = -4\frac{2}{15}$$

$$10. -2\frac{6}{7} \times 1\frac{3}{10} = -\frac{20^2}{7} \times \frac{13}{10^1} = -\frac{26}{7} = -3\frac{5}{7}$$

# العمليات على الكسور

1.  $3\frac{2}{7} \times -3\frac{3}{4} =$

2.  $-3\frac{1}{2} \times 1\frac{3}{10} =$

3.  $2\frac{9}{10} \times -1\frac{3}{10} =$

4.  $2\frac{1}{5} \times -1\frac{3}{11} =$

5.  $-3\frac{5}{9} \times 3\frac{2}{3} =$

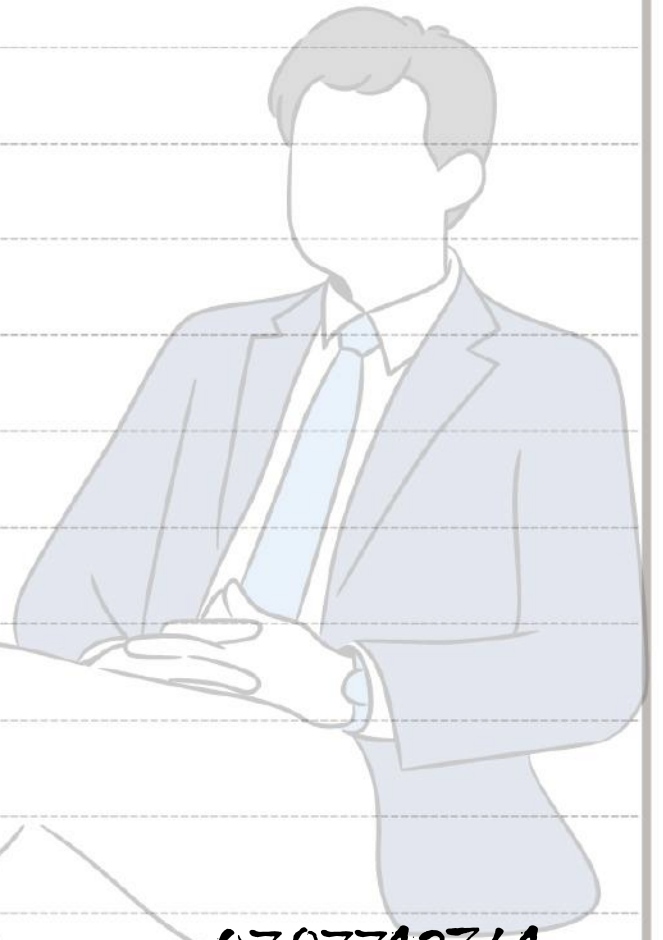
6.  $-1\frac{3}{4} \times 1\frac{3}{4} =$

7.  $-3\frac{6}{7} \times -1\frac{7}{12} =$

8.  $-2\frac{5}{11} \times -2\frac{1}{3} =$

9.  $-3\frac{5}{9} \times -3\frac{1}{2} =$

10.  $2\frac{1}{10} \times -1\frac{5}{12} =$



# العمليات على الكسور

$$1. 3\frac{2}{7} \times -3\frac{3}{4} = \frac{23}{7} \times -\frac{15}{4} = -\frac{345}{28} = -12\frac{9}{28}$$

$$2. -3\frac{1}{2} \times 1\frac{3}{10} = -\frac{7}{2} \times \frac{13}{10} = -\frac{91}{20} = -4\frac{11}{20}$$

$$3. 2\frac{9}{10} \times -1\frac{3}{10} = \frac{29}{10} \times -\frac{13}{10} = -\frac{377}{100} = -3\frac{77}{100}$$

$$4. 2\frac{1}{5} \times -1\frac{3}{11} = \frac{11^1}{5} \times -\frac{14}{11_1} = -\frac{14}{5} = -2\frac{4}{5}$$

$$5. -3\frac{5}{9} \times 3\frac{2}{3} = -\frac{32}{9} \times \frac{11}{3} = -\frac{352}{27} = -13\frac{1}{27}$$

$$6. -1\frac{3}{4} \times 1\frac{3}{4} = -\frac{7}{4} \times \frac{7}{4} = -\frac{49}{16} = -3\frac{1}{16}$$

$$7. -3\frac{6}{7} \times -1\frac{7}{12} = -\frac{27^9}{7} \times -\frac{19}{12_4} = \frac{171}{28} = 6\frac{3}{28}$$

$$8. -2\frac{5}{11} \times -2\frac{1}{3} = -\frac{27^9}{11} \times -\frac{7}{3_1} = \frac{63}{11} = 5\frac{8}{11}$$

$$9. -3\frac{5}{9} \times -3\frac{1}{2} = -\frac{32^{16}}{9} \times -\frac{7}{2_1} = \frac{112}{9} = 12\frac{4}{9}$$

$$10. 2\frac{1}{10} \times -1\frac{5}{12} = \frac{21^7}{10} \times -\frac{17}{12_4} = -\frac{119}{40} = -2\frac{39}{40}$$



# العمليات على الكسور

1.  $-2\frac{7}{8} \times -3\frac{4}{9} =$

2.  $1\frac{1}{2} \times -2\frac{2}{9} =$

3.  $-1\frac{5}{9} \times 2\frac{5}{6} =$

4.  $-3\frac{5}{6} \times 2\frac{1}{8} =$

5.  $-3\frac{7}{12} \times -3\frac{1}{6} =$

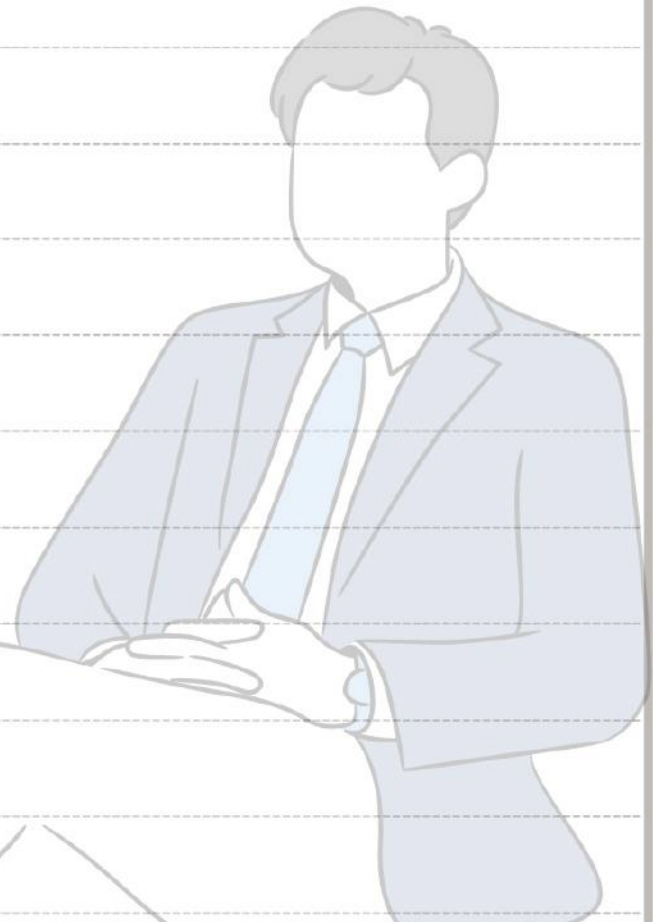
6.  $-1\frac{8}{9} \times -2\frac{5}{7} =$

7.  $-1\frac{1}{11} \times -2\frac{1}{8} =$

8.  $-3\frac{2}{3} \times 3\frac{7}{11} =$

9.  $2\frac{1}{9} \times -2\frac{1}{10} =$

10.  $-3\frac{1}{2} \times 3\frac{1}{5} =$



# العمليات على الكسور

$$1. -2\frac{7}{8} \times -3\frac{4}{9} = -\frac{23}{8} \times -\frac{31}{9} = \frac{713}{72} = 9\frac{65}{72}$$

$$2. 1\frac{1}{2} \times -2\frac{2}{9} = \frac{3^1}{2^1} \times -\frac{20^{10}}{9^3} = -\frac{10}{3} = -3\frac{1}{3}$$

$$3. -1\frac{5}{9} \times 2\frac{5}{6} = -\frac{14^7}{9} \times \frac{17}{6^3} = -\frac{119}{27} = -4\frac{11}{27}$$

$$4. -3\frac{5}{6} \times 2\frac{1}{8} = -\frac{23}{6} \times \frac{17}{8} = -\frac{391}{48} = -8\frac{7}{48}$$

$$5. -3\frac{7}{12} \times -3\frac{1}{6} = -\frac{43}{12} \times -\frac{19}{6} = \frac{817}{72} = 11\frac{25}{72}$$

$$6. -1\frac{8}{9} \times -2\frac{5}{7} = -\frac{17}{9} \times -\frac{19}{7} = \frac{323}{63} = 5\frac{8}{63}$$

$$7. -1\frac{1}{11} \times -2\frac{1}{8} = -\frac{12^3}{11} \times -\frac{17}{8^2} = \frac{51}{22} = 2\frac{7}{22}$$

$$8. -3\frac{2}{3} \times 3\frac{7}{11} = -\frac{11^1}{3} \times \frac{40}{11^1} = -\frac{40}{3} = -13\frac{1}{3}$$

$$9. 2\frac{1}{9} \times -2\frac{1}{10} = \frac{19}{9^3} \times -\frac{21^7}{10} = -\frac{133}{30} = -4\frac{13}{30}$$

$$10. -3\frac{1}{2} \times 3\frac{1}{5} = -\frac{7}{2^1} \times \frac{16^8}{5} = -\frac{56}{5} = -11\frac{1}{5}$$

# العمليات على الكسور

1.  $1\frac{2}{7} \times -3\frac{3}{7} =$

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

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

4.  $3\frac{1}{4} \times -3\frac{5}{8} =$

5.  $-2\frac{2}{9} \times -1\frac{1}{5} =$

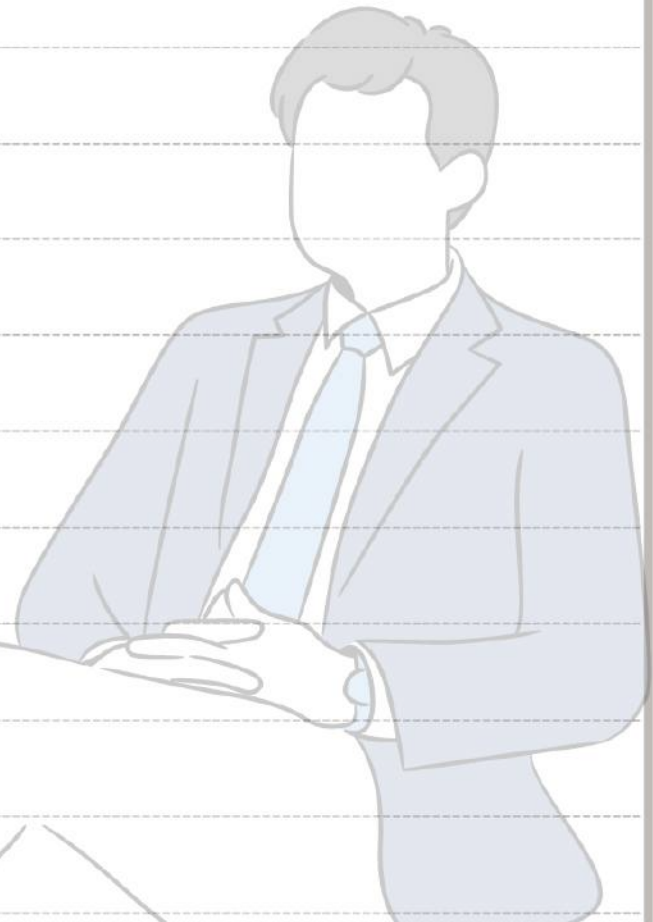
6.  $-2\frac{3}{5} \times 1\frac{1}{4} =$

7.  $2\frac{5}{12} \times -3\frac{7}{9} =$

8.  $-2\frac{1}{6} \times 1\frac{5}{8} =$

9.  $1\frac{5}{7} \times -3\frac{2}{3} =$

10.  $-1\frac{10}{11} \times 1\frac{4}{5} =$



# العمليات على الكسور

$$1. 1\frac{2}{7} \times -3\frac{3}{7} = \frac{9}{7} \times -\frac{24}{7} = -\frac{216}{49} = -4\frac{20}{49}$$

$$2. -1\frac{3}{5} \times -1\frac{1}{6} = -\frac{8^4}{5} \times -\frac{7}{63} = \frac{28}{15} = 1\frac{13}{15}$$

$$3. -2\frac{5}{6} \times -2\frac{1}{2} = -\frac{17}{6} \times -\frac{5}{2} = \frac{85}{12} = 7\frac{1}{12}$$

$$4. 3\frac{1}{4} \times -3\frac{5}{8} = \frac{13}{4} \times -\frac{29}{8} = -\frac{377}{32} = -11\frac{25}{32}$$

$$5. -2\frac{2}{9} \times -1\frac{1}{5} = -\frac{20^4}{93} \times -\frac{6^2}{51} = \frac{8}{3} = 2\frac{2}{3}$$

$$6. -2\frac{3}{5} \times 1\frac{1}{4} = -\frac{13}{51} \times \frac{5^1}{4} = -\frac{13}{4} = -3\frac{1}{4}$$

$$7. 2\frac{5}{12} \times -3\frac{7}{9} = \frac{29}{126} \times -\frac{34^{17}}{9} = -\frac{493}{54} = -9\frac{7}{54}$$

$$8. -2\frac{1}{6} \times 1\frac{5}{8} = -\frac{13}{6} \times \frac{13}{8} = -\frac{169}{48} = -3\frac{25}{48}$$

$$9. 1\frac{5}{7} \times -3\frac{2}{3} = \frac{12^4}{7} \times -\frac{11}{31} = -\frac{44}{7} = -6\frac{2}{7}$$

$$10. -1\frac{10}{11} \times 1\frac{4}{5} = -\frac{21}{11} \times \frac{9}{5} = -\frac{189}{55} = -3\frac{24}{55}$$

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