练习 1

1 比大小

$\frac{3}{5}\bigcirc\frac{2}{5}$　　$\frac{4}{7}\bigcirc\frac{2}{7}$　　$\frac{5}{8}\bigcirc\frac{7}{8}$

$\frac{6}{7}\bigcirc\frac{3}{4}$　　$\frac{3}{8}\bigcirc\frac{3}{7}$　　$2\bigcirc\frac{7}{3}$

2 计算

$\frac{3}{7}+\frac{1}{7}=$　　$\frac{2}{3}+\frac{5}{9}=$　　$\frac{6}{11}+\frac{3}{11}=$

$\frac{5}{6}-\frac{1}{6}=$　　$\frac{8}{13}-\frac{5}{13}=$　　$\frac{5}{4}-\frac{3}{4}=$

$\frac{5}{7}\times\frac{3}{5}=$　　$\frac{4}{5}\times\frac{1}{8}=$　　$\frac{3}{4}\times\frac{5}{6}=$

3 脱式

$\frac{12}{13}\times\frac{3}{7}+\frac{4}{7}\times\frac{12}{13}$　　$\left(\frac{7}{8}-\frac{5}{16}\right)\times\left(\frac{5}{9}+\frac{2}{3}\right)$

练习2

1 比大小

$\frac{3}{5}\bigcirc\frac{4}{5}$　　$\frac{6}{7}\bigcirc\frac{2}{7}$　　$\frac{8}{3}\bigcirc\frac{5}{3}$

$\frac{5}{7}\bigcirc\frac{5}{6}$　　$\frac{8}{5}\bigcirc\frac{8}{7}$　　$3\bigcirc\frac{8}{3}$

2 计算

$\frac{2}{3}+\frac{1}{3}=$　　$\frac{3}{7}+\frac{6}{7}=$　　$\frac{3}{5}+\frac{4}{5}=$

$\frac{5}{7}-\frac{3}{7}=$　　$\frac{11}{8}-\frac{7}{8}=$　　$\frac{5}{8}-\frac{1}{2}=$

$\frac{1}{2}\times\frac{2}{5}=$　　$\frac{2}{3}\times\frac{6}{7}=$　　$\frac{5}{7}\times\frac{3}{10}=$

3 脱式

$\frac{4}{5}\div3+\frac{2}{3}\times\frac{4}{5}$　　$\frac{2}{5}+\frac{1}{2}\times\frac{3}{5}+\frac{7}{10}$

练习3

1 比大小

$\frac{5}{8}\bigcirc\frac{3}{8}$　　$\frac{5}{11}\bigcirc\frac{7}{11}$　　$\frac{3}{8}\bigcirc\frac{5}{6}$

$\frac{6}{7}\bigcirc\frac{6}{11}$　　$\frac{8}{5}\bigcirc\frac{8}{6}$　　$\frac{3}{5}\bigcirc1\frac{1}{3}$

2 计算

$\frac{5}{8}+\frac{1}{8}=$　　$\frac{4}{9}+\frac{2}{9}=$　　$\frac{5}{6}+\frac{1}{3}=$

$\frac{7}{5}-\frac{4}{5}=$　　$\frac{8}{9}-\frac{2}{9}=$　　$\frac{4}{11}-\frac{3}{11}=$

$\frac{3}{4}\times\frac{5}{6}=$　　$\frac{3}{7}\times\frac{2}{3}=$　　$\frac{5}{9}\times\frac{3}{4}=$

3 脱式

$\left(\frac{7}{11}-\frac{3}{8}\right)\times88$　　$13-48\times\left(\frac{1}{12}-\frac{1}{16}\right)$

练习 4

1 比大小

$\frac{6}{7}\bigcirc\frac{6}{11}$　　$\frac{8}{7}\bigcirc\frac{8}{13}$　　$\frac{11}{13}\bigcirc\frac{11}{14}$

$\frac{6}{7}\bigcirc\frac{6}{5}$　　$\frac{11}{14}\bigcirc\frac{11}{7}$　　$\frac{1}{2}\bigcirc\frac{3}{8}$

2 计算

$\frac{1}{5}+1\frac{1}{5}=$　　$\frac{5}{8}+\frac{3}{8}=$　　$\frac{6}{7}+\frac{8}{7}=$

$\frac{4}{5}-\frac{2}{5}=$　　$\frac{5}{7}-\frac{3}{7}=$　　$\frac{6}{7}-\frac{3}{7}=$

$\frac{2}{3}\times\frac{4}{5}=$　　$\frac{3}{7}\times\frac{5}{6}=$　　$\frac{3}{8}\times\frac{4}{5}=$

3 脱式

$\left(\frac{1}{2}-\frac{1}{6}\right)\times\frac{3}{5}\div\frac{1}{5}$　　$\frac{6}{7}\times\frac{5}{8}+\frac{3}{8}\div\frac{7}{6}$

练习 5

1 比大小

$\frac{5}{7}\bigcirc 1\frac{1}{7}$　　$\frac{3}{4}\bigcirc\frac{1}{2}$　　$\frac{6}{13}\bigcirc\frac{7}{13}$

$\frac{7}{12}\bigcirc\frac{7}{15}$　　$\frac{5}{2}\bigcirc\frac{5}{3}$　　$2\bigcirc\frac{11}{5}$

2 计算

$\frac{3}{5}+\frac{3}{5}=$　　$\frac{2}{7}+\frac{8}{7}=$　　$\frac{3}{8}+\frac{3}{8}=$

$\frac{8}{9}-\frac{5}{9}=$　　$\frac{4}{11}-\frac{3}{11}=$　　$\frac{6}{5}-\frac{4}{5}=$

$\frac{3}{4}\times\frac{6}{7}=$　　$\frac{5}{7}\times\frac{2}{15}=$　　$\frac{3}{5}\times\frac{5}{6}=$

3 脱式

$\frac{5}{6}+\frac{5}{3}\times\frac{4}{5}$　　$\frac{5}{8}-\frac{1}{4}\times\left(\frac{8}{9}\div\frac{2}{3}\right)$

练习 6

1 比大小

$\frac{6}{13}\bigcirc\frac{7}{13}$　　$\frac{5}{6}\bigcirc\frac{7}{6}$　　$\frac{8}{9}\bigcirc\frac{7}{9}$

$\frac{5}{7}\bigcirc\frac{5}{8}$　　$\frac{3}{7}\bigcirc\frac{3}{5}$　　$\frac{8}{5}\bigcirc1\frac{2}{5}$

2 计算

$\frac{5}{7}+\frac{4}{7}=$　　$\frac{6}{13}+\frac{5}{13}=$　　$\frac{7}{8}+\frac{3}{4}=$

$\frac{5}{8}-\frac{3}{8}=$　　$\frac{16}{23}-\frac{8}{23}=$　　$\frac{8}{7}-\frac{3}{7}=$

$\frac{5}{6}\times\frac{3}{10}=$　　$\frac{6}{7}\times\frac{7}{8}=$　　$\frac{2}{3}\times\frac{4}{3}=$

3 脱式

$\frac{8}{13}\div7+\frac{1}{7}\times\frac{6}{13}$　　$\left(\frac{1}{6}+\frac{3}{4}-\frac{2}{3}\right)\times12$

练习 7

1 比大小

$\frac{6}{15}\bigcirc\frac{2}{5}$　　$\frac{6}{7}\bigcirc\frac{5}{7}$　　$\frac{3}{8}\bigcirc\frac{1}{4}$

$\frac{6}{17}\bigcirc\frac{7}{17}$　　$\frac{6}{19}\bigcirc\frac{3}{10}$　　$2\frac{3}{5}\bigcirc2\frac{3}{4}$

2 计算

$\frac{1}{7}+1\frac{1}{7}=$　　$\frac{5}{8}+\frac{1}{4}=$　　$\frac{5}{13}+\frac{7}{13}=$

$\frac{6}{7}-\frac{3}{7}=$　　$\frac{4}{9}-\frac{2}{9}=$　　$\frac{5}{12}-\frac{1}{4}=$

$\frac{10}{7}\times\frac{3}{20}=$　　$\frac{6}{11}\times\frac{22}{13}=$　　$\frac{4}{7}\times\frac{5}{8}=$

3 脱式

$2-\frac{6}{7}\div\frac{9}{14}-\frac{2}{3}$　　$99\times(1-\frac{1}{100})$

练习 8

1 比大小

$\frac{5}{8}\bigcirc\frac{3}{8}$　　$\frac{5}{7}\bigcirc\frac{3}{7}$　　$\frac{8}{13}\bigcirc\frac{9}{13}$

$\frac{6}{19}\bigcirc\frac{6}{17}$　　$\frac{13}{17}\bigcirc\frac{13}{19}$　　$\frac{2}{5}\bigcirc\frac{7}{10}$

2 计算

$\frac{3}{4}+\frac{1}{4}=$　　$\frac{5}{7}+\frac{4}{7}=$　　$\frac{2}{5}+\frac{3}{10}=$

$\frac{6}{7}-\frac{5}{14}=$　　$\frac{6}{11}-\frac{3}{22}=$　　$\frac{7}{15}-\frac{2}{5}=$

$\frac{3}{5}\times\frac{10}{13}=$　　$\frac{6}{7}\times\frac{14}{15}=$　　$\frac{6}{13}\times\frac{2}{3}=$

3 脱式

$\frac{1}{2}\div\frac{5}{8}+\frac{1}{4}\times\frac{3}{5}$　　$\frac{3}{4}\times\frac{2}{5}+\frac{1}{4}\div\frac{5}{2}$

练习 9

1 比大小

$\frac{5}{6}\bigcirc\frac{6}{7}$　　$\frac{11}{14}\bigcirc\frac{13}{14}$　　$\frac{8}{7}\bigcirc\frac{6}{7}$

$\frac{5}{4}\bigcirc\frac{5}{7}$　　$\frac{5}{4}\bigcirc\frac{2}{3}$　　$\frac{7}{16}\bigcirc\frac{7}{13}$

2 计算

$\frac{2}{7}+\frac{3}{7}=$　　$\frac{3}{8}+\frac{3}{4}=$　　$\frac{5}{4}+\frac{1}{6}=$

$\frac{5}{7}-\frac{3}{14}=$　　$\frac{8}{13}-\frac{7}{26}=$　　$\frac{5}{8}-\frac{5}{16}=$

$\frac{5}{9}\times\frac{3}{4}=$　　$\frac{3}{4}\times\frac{6}{7}=$　　$\frac{3}{7}\times\frac{5}{12}=$

3 脱式

$\frac{7}{33}\times\frac{11}{14}\div\frac{5}{6}+\frac{1}{4}$　　$45\times\left(1-\frac{1}{44}\right)$

练习 10

1 比大小

$\frac{5}{12}\bigcirc\frac{7}{12}$　　$\frac{6}{7}\bigcirc\frac{5}{7}$　　$\frac{6}{13}\bigcirc\frac{8}{13}$

$\frac{5}{7}\bigcirc\frac{5}{8}$　　$\frac{8}{15}\bigcirc\frac{8}{17}$　　$\frac{8}{3}\bigcirc 2$

2 计算

$\frac{3}{4}+\frac{5}{12}=$　　$\frac{6}{7}+\frac{1}{2}=$　　$\frac{3}{8}+\frac{5}{12}=$

$\frac{5}{7}-\frac{3}{7}=$　　$\frac{5}{6}-\frac{1}{2}=$　　$\frac{5}{7}-\frac{9}{14}=$

$\frac{5}{12}\times\frac{4}{7}=$　　$\frac{6}{11}\times\frac{6}{7}=$　　$\frac{5}{8}\times\frac{4}{7}=$

3 脱式

$\frac{3}{8}\div\left(\frac{3}{8}-\frac{1}{4}\right)$　　$\frac{5}{6}\times 4-\left(\frac{7}{8}+\frac{2}{3}\right)$

练习 11

1 比大小

$\frac{2}{3}\bigcirc\frac{4}{7}$　　$\frac{5}{8}\bigcirc\frac{3}{5}$　　$\frac{7}{6}\bigcirc\frac{8}{7}$

$\frac{5}{7}\bigcirc\frac{2}{3}$　　$\frac{6}{13}\bigcirc\frac{4}{9}$　　$\frac{6}{7}\bigcirc\frac{3}{4}$

2 计算

$\frac{3}{4}+\frac{2}{7}=$　　$\frac{3}{8}+\frac{5}{9}=$　　$\frac{5}{14}+\frac{2}{7}=$

$\frac{4}{13}+\frac{5}{8}=$　　$\frac{3}{14}+\frac{2}{5}=$　　$\frac{6}{11}+\frac{5}{14}=$

$\frac{2}{5}\times\frac{3}{4}=$　　$\frac{5}{7}\times\frac{3}{7}=$　　$\frac{2}{3}\times\frac{2}{3}=$

3 脱式

$\frac{1}{5}\div\left(1-\frac{1}{3}\times\frac{1}{2}\right)$　　$\frac{9}{10}\times\left[\frac{7}{8}\div\left(\frac{4}{5}+\frac{1}{4}\right)\right]$

练习 12

1 比大小

$\frac{6}{7}\bigcirc\frac{8}{9}$　　$\frac{2}{5}\bigcirc\frac{3}{7}$　　$\frac{7}{3}\bigcirc\frac{9}{4}$

$\frac{5}{7}\bigcirc\frac{7}{9}$　　$\frac{5}{8}\bigcirc\frac{3}{4}$　　$\frac{3}{7}\bigcirc\frac{5}{11}$

2 计算

$\frac{2}{5}+\frac{1}{3}=$　　$\frac{5}{8}+\frac{1}{3}=$　　$\frac{4}{7}+\frac{25}{28}=$

$\frac{5}{3}-\frac{5}{6}=$　　$\frac{5}{8}-\frac{5}{12}=$　　$\frac{6}{7}-\frac{9}{14}=$

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

3 脱式

$\left(\frac{1}{4}-\frac{1}{4}\times\frac{1}{2}\right)\div\frac{1}{8}$　　$\frac{5}{6}+\frac{9}{8}\times\frac{5}{9}\times\frac{8}{9}$

练习 13

1 比大小

$\frac{4}{7}\bigcirc\frac{5}{9}$　　$\frac{8}{11}\bigcirc\frac{10}{13}$　　$\frac{3}{4}\bigcirc\frac{8}{11}$

$\frac{2}{5}\bigcirc\frac{3}{7}$　　$\frac{5}{8}\bigcirc\frac{6}{11}$　　$\frac{3}{7}\bigcirc\frac{5}{12}$

2 计算

$\frac{2}{5}+\frac{1}{2}=$　　$\frac{3}{5}+\frac{4}{7}=$　　$\frac{2}{7}+\frac{3}{8}=$

$\frac{2}{3}-\frac{2}{5}=$　　$\frac{4}{7}-\frac{5}{9}=$　　$\frac{5}{7}-\frac{3}{5}=$

$\frac{2}{5}\times\frac{10}{13}=$　　$\frac{6}{7}\times\frac{14}{15}=$　　$\frac{4}{7}\times\frac{3}{5}=$

3 脱式

$9\times\frac{5}{6}+\frac{5}{6}\div\frac{1}{9}$　　$\left(\frac{3}{8}+\frac{1}{27}\right)\times 8+\frac{19}{27}$

练习 14

1 比大小

$\frac{5}{7}\bigcirc\frac{8}{11}$　　$\frac{3}{7}\bigcirc\frac{5}{11}$　　$\frac{7}{8}\bigcirc\frac{9}{10}$

$\frac{5}{9}\bigcirc\frac{6}{11}$　　$\frac{8}{13}\bigcirc\frac{9}{14}$　　$\frac{2}{3}\bigcirc\frac{3}{5}$

2 计算

$\frac{2}{3}+\frac{3}{4}=$　　$\frac{4}{5}+\frac{2}{3}=$　　$\frac{2}{5}+\frac{3}{4}=$

$\frac{2}{7}+\frac{3}{4}=$　　$\frac{3}{5}+\frac{1}{4}=$　　$\frac{2}{7}+\frac{2}{5}=$

$\frac{2}{3}\times\frac{3}{4}=$　　$\frac{5}{7}\times\frac{2}{5}=$　　$\frac{5}{6}\times\frac{3}{8}=$

3 脱式

$48\times\left(\frac{7}{12}+2\right)\div\frac{2}{3}$　　$23-\frac{8}{9}\times\frac{3}{4}\div\frac{1}{27}$

练习 15

1 比大小

$\frac{5}{6}\bigcirc\frac{8}{9}$　　$\frac{12}{17}\bigcirc\frac{6}{7}$　　$\frac{9}{13}\bigcirc\frac{3}{4}$

$\frac{5}{9}\bigcirc\frac{2}{5}$　　$\frac{6}{13}\bigcirc\frac{12}{25}$　　$\frac{3}{14}\bigcirc\frac{9}{50}$

2 计算

$\frac{1}{3}+\frac{3}{4}=$　　$\frac{6}{7}+\frac{2}{5}=$　　$\frac{3}{4}+\frac{5}{6}=$

$\frac{3}{5}-\frac{1}{3}=$　　$\frac{6}{7}-\frac{2}{3}=$　　$3-\frac{5}{3}=$

$\frac{2}{3}\times\frac{6}{7}=$　　$\frac{4}{9}\times\frac{3}{8}=$　　$\frac{3}{7}\times\frac{5}{6}=$

3 脱式

$\frac{5}{9}\times11+7\times\frac{5}{9}$　　$5\div\left[\left(\frac{2}{3}+\frac{1}{5}\right)\times\frac{1}{13}\right]$

练习 16

1 比大小

$\frac{3}{4}\bigcirc\frac{7}{8}$　　$\frac{4}{7}\bigcirc\frac{6}{7}$　　$\frac{5}{9}\bigcirc\frac{4}{9}$

$\frac{5}{12}\bigcirc\frac{1}{3}$　　$\frac{4}{9}\bigcirc\frac{7}{12}$　　$\frac{7}{11}\bigcirc\frac{7}{10}$

2 计算

$\frac{3}{5}+\frac{4}{3}=$　　$\frac{5}{7}+\frac{4}{5}=$　　$\frac{4}{9}+\frac{2}{5}=$

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

$\frac{4}{5}\times\frac{3}{2}=$　　$\frac{6}{7}\times\frac{7}{8}=$　　$\frac{3}{8}\times\frac{4}{5}=$

3 脱式

$\left(\frac{1}{2}-\frac{1}{6}\right)\times\frac{3}{5}\div\frac{1}{5}$　　$\frac{1}{6}\div\left[\frac{9}{17}\times\left(\frac{3}{4}+\frac{2}{3}\right)\right]$

练习 17

1 比大小

$\frac{3}{4}\bigcirc\frac{1}{4}$　　$\frac{2}{5}\bigcirc\frac{3}{5}$　　$\frac{5}{7}\bigcirc\frac{5}{6}$

$\frac{2}{3}\bigcirc\frac{3}{4}$　　$\frac{5}{6}\bigcirc\frac{6}{7}$　　$\frac{12}{13}\bigcirc\frac{12}{11}$

2 计算

$\frac{3}{5}+\frac{2}{7}=$　　$\frac{3}{5}+\frac{3}{4}=$　　$\frac{7}{8}+\frac{5}{9}=$

$\frac{3}{5}-\frac{2}{7}=$　　$\frac{5}{8}-\frac{1}{4}=$　　$\frac{5}{9}-\frac{1}{5}=$

$\frac{5}{8}\times\frac{4}{7}=$　　$\frac{6}{11}\times\frac{5}{3}=$　　$\frac{7}{15}\times 6=$

3 脱式

$\frac{10}{21}\times\frac{7}{20}\div\frac{5}{6}+\frac{1}{4}$

$\frac{5}{8}-\frac{1}{4}\times\left(\frac{8}{9}\div\frac{2}{3}\right)$

练习 18

1 比大小

$\frac{8}{9}\bigcirc\frac{10}{9}$　　$\frac{5}{7}\bigcirc\frac{4}{7}$　　$\frac{6}{11}\bigcirc\frac{6}{13}$

$\frac{5}{7}\bigcirc\frac{3}{5}$　　$\frac{7}{5}\bigcirc\frac{3}{2}$　　$\frac{3}{11}\bigcirc\frac{2}{9}$

2 计算

$\frac{2}{5}+\frac{3}{7}=$　　$\frac{6}{7}+\frac{3}{4}=$　　$\frac{5}{3}+\frac{1}{6}=$

$\frac{5}{7}-\frac{3}{5}=$　　$\frac{1}{2}-\frac{4}{9}=$　　$\frac{3}{8}-\frac{1}{4}=$

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

3 脱式

$\frac{43}{44}\times 45$　　$\frac{1}{2}\div\frac{5}{8}+\frac{1}{4}\times\frac{3}{5}$

练习 19

1 比大小

$\frac{10}{7}\bigcirc\frac{4}{7}$　　$\frac{7}{9}\bigcirc\frac{10}{9}$　　$\frac{8}{5}\bigcirc\frac{4}{3}$

$\frac{5}{7}\bigcirc\frac{8}{13}$　　$\frac{8}{3}\bigcirc\frac{14}{9}$　　$\frac{13}{15}\bigcirc\frac{17}{18}$

2 计算

$\frac{3}{7}+\frac{1}{4}=$　　$\frac{2}{5}+\frac{5}{6}=$　　$\frac{24}{35}+\frac{1}{5}=$

$\frac{5}{6}-\frac{2}{3}=$　　$\frac{5}{7}-\frac{1}{2}=$　　$\frac{9}{13}-\frac{2}{3}=$

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

3 脱式

$\left(\frac{1}{6}+\frac{3}{4}-\frac{2}{3}\right)\div\frac{1}{12}$　　$99\times\frac{99}{100}$

练习 20

1 比大小

$\frac{5}{7}\bigcirc\frac{4}{7}$　　$\frac{8}{9}\bigcirc\frac{7}{9}$　　$\frac{11}{13}\bigcirc\frac{11}{15}$

$\frac{5}{7}\bigcirc\frac{8}{13}$　　$\frac{5}{6}\bigcirc\frac{9}{10}$　　$\frac{12}{5}\bigcirc\frac{13}{6}$

2 计算

$\frac{2}{5}+\frac{2}{3}=$　　$1\frac{1}{10}+\frac{1}{20}=$　　$\frac{1}{3}+\frac{3}{5}=$

$\frac{2}{5}-\frac{1}{4}=$　　$\frac{5}{7}-\frac{3}{5}=$　　$\frac{1}{6}-\frac{2}{13}=$

$\frac{5}{7}\times\frac{2}{5}=$　　$\frac{3}{4}\times\frac{2}{7}=$　　$\frac{5}{9}\times\frac{2}{5}=$

3 脱式

$\frac{3}{4}\times\frac{2}{5}+\frac{1}{4}\div\frac{5}{2}$　　$2-\frac{6}{13}\div\frac{9}{26}-\frac{2}{3}$

练习 21

1 比大小

$\frac{2}{3}\bigcirc\frac{3}{5}$　　$\frac{23}{4}\bigcirc\frac{27}{5}$　　$\frac{5}{8}\bigcirc\frac{5}{9}$

$\frac{13}{5}\bigcirc\frac{17}{7}$　　$\frac{2}{3}\bigcirc\frac{4}{7}$　　$\frac{5}{7}\bigcirc\frac{5}{8}$

2 计算

$\frac{1}{5}+\frac{19}{20}=$　　$\frac{5}{8}+\frac{2}{5}=$　　$\frac{3}{7}+\frac{3}{4}=$

$\frac{3}{5}-\frac{1}{3}=$　　$\frac{5}{8}-\frac{1}{2}=$　　$\frac{6}{7}-\frac{3}{5}=$

$\frac{2}{15}\times\frac{15}{7}=$　　$\frac{3}{7}\times\frac{8}{9}=$　　$\frac{4}{5}\times\frac{1}{2}=$

3 脱式

$\left(\frac{11}{4}-\frac{3}{4}\right)\div\left(1\frac{2}{3}+2\frac{1}{3}\right)$　　$5\div8+\frac{1}{8}\times4$

练习 22

1 比大小

$\frac{5}{4}\bigcirc\frac{3}{2}$　　$\frac{5}{7}\bigcirc\frac{2}{3}$　　$\frac{3}{5}\bigcirc\frac{4}{7}$

$\frac{3}{5}\bigcirc\frac{5}{7}$　　$\frac{2}{7}\bigcirc\frac{1}{4}$　　$\frac{8}{3}\bigcirc 3$

2 计算

$\frac{5}{3}+\frac{3}{4}=$　　$\frac{4}{7}+\frac{5}{8}=$　　$\frac{3}{8}+\frac{5}{4}=$

$\frac{4}{5}-\frac{2}{3}=$　　$\frac{7}{6}-\frac{5}{7}=$　　$\frac{5}{7}+\frac{3}{8}=$

$\frac{2}{7}\times\frac{3}{4}=$　　$\frac{5}{8}\times\frac{4}{5}=$　　$\frac{5}{12}\times\frac{6}{7}=$

3 脱式

$4.6\times\frac{26}{7}\div\frac{23}{7}$　　$\frac{5}{6}\times\left(2\div\frac{5}{8}-3\right)$

练习 23

1 比大小

$\frac{5}{7}\bigcirc\frac{6}{5}$　　$\frac{3}{29}\bigcirc\frac{3}{28}$　　$\frac{4}{7}\bigcirc\frac{1}{2}$

$\frac{3}{4}\bigcirc\frac{2}{3}$　　$\frac{4}{7}\bigcirc\frac{5}{8}$　　$\frac{3}{2}\bigcirc\frac{13}{8}$

2 计算

$\frac{5}{7}+\frac{3}{4}=$　　$\frac{5}{8}+\frac{3}{5}=$　　$\frac{2}{7}+\frac{5}{11}=$

$\frac{5}{6}-\frac{3}{4}=$　　$\frac{5}{3}-\frac{8}{7}=$　　$\frac{6}{7}-\frac{4}{9}=$

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

3 脱式

$\frac{12}{13}\times\frac{3}{7}+\frac{12}{13}\times\frac{4}{7}+\frac{12}{13}$

$\frac{7}{12}-\frac{1}{4}+\frac{5}{8}\div\frac{10}{3}$

练习 24

1 比大小

$\frac{2}{5}\bigcirc\frac{3}{7}$　　$\frac{5}{3}\bigcirc\frac{8}{5}$　　$\frac{6}{5}\bigcirc1.2$

$\frac{5}{12}\bigcirc\frac{2}{5}$　　$\frac{5}{16}\bigcirc\frac{1}{3}$　　$\frac{3}{4}\bigcirc\frac{8}{11}$

2 计算

$\frac{6}{7}+\frac{4}{3}=$　　$\frac{3}{4}+\frac{5}{7}=$　　$\frac{3}{5}+\frac{5}{7}=$

$\frac{5}{6}-\frac{2}{3}=$　　$\frac{3}{4}-\frac{4}{7}=$　　$\frac{8}{11}-\frac{3}{7}=$

$\frac{5}{3}\times\frac{6}{7}=$　　$\frac{6}{7}\times\frac{1}{3}=$　　$\frac{5}{8}\times\frac{4}{9}=$

3 脱式

$\frac{2}{5}+\frac{1}{2}\times\frac{3}{5}+\frac{7}{10}$　　$\frac{4}{5}\div3+\frac{2}{3}\times\frac{4}{5}$

练习 25

1 比大小

$\frac{3}{8}\bigcirc\frac{6}{13}$　　$\frac{8}{3}\bigcirc\frac{13}{7}$　　$\frac{5}{9}\bigcirc\frac{2}{3}$

$\frac{5}{13}\bigcirc\frac{5}{14}$　　$\frac{4}{9}\bigcirc\frac{1}{3}$　　$\frac{5}{4}\bigcirc1.2$

2 计算

$\frac{22}{21}+\frac{1}{3}=$　　$\frac{2}{5}+\frac{3}{7}=$　　$\frac{5}{8}+\frac{4}{9}=$

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

$\frac{5}{7}\times\frac{3}{5}=$　　$\frac{7}{9}\times\frac{3}{5}=$　　$\frac{6}{11}\times\frac{5}{6}=$

3 脱式

$\frac{11}{12}-\frac{1}{4}+\frac{3}{10}\div\frac{3}{5}$

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

练习 26

1 比大小

$\frac{5}{7}\bigcirc\frac{3}{4}$　　$\frac{5}{9}\bigcirc\frac{3}{8}$　　$\frac{3}{5}\bigcirc\frac{5}{12}$

$\frac{6}{5}\bigcirc\frac{7}{4}$　　$\frac{8}{5}\bigcirc\frac{15}{8}$　　$\frac{2}{5}\bigcirc\frac{7}{16}$

2 计算

$\frac{19}{35}+\frac{2}{7}=$　　$\frac{3}{8}+\frac{4}{5}=$　　$\frac{3}{2}+\frac{5}{6}=$

$\frac{5}{7}-\frac{3}{8}=$　　$\frac{7}{5}-\frac{5}{4}=$　　$\frac{12}{5}-\frac{9}{7}=$

$\frac{5}{6}\times\frac{3}{7}=$　　$\frac{2}{3}\times\frac{3}{4}=$　　$\frac{6}{7}\times\frac{5}{3}=$

3 脱式

$\left[\frac{7}{3}+\left(\frac{27}{5}-\frac{8}{3}\right)\times\frac{5}{3}\right]\div\frac{31}{9}$　　$\left[\frac{3}{5}\times\left(\frac{13}{5}+\frac{27}{10}\div\frac{9}{8}\right)\right]\div\frac{3}{50}$

1 比大小

$\frac{5}{3}\bigcirc\frac{7}{4}$　　$\frac{8}{15}\bigcirc\frac{2}{5}$　　$\frac{7}{16}\bigcirc\frac{1}{2}$

$\frac{5}{2}\bigcirc\frac{9}{4}$　　$\frac{13}{5}\bigcirc\frac{15}{7}$　　$\frac{3}{5}\bigcirc\frac{8}{11}$

2 计算

$\frac{1}{4}+\frac{4}{3}=$　　$\frac{5}{8}+\frac{1}{2}=$　　$\frac{3}{4}+\frac{4}{5}=$

$\frac{3}{4}-\frac{5}{8}=$　　$\frac{6}{7}-\frac{4}{5}=$　　$\frac{3}{8}-\frac{2}{9}=$

$\frac{3}{5}\times\frac{2}{3}=$　　$\frac{9}{14}\times\frac{7}{9}=$　　$\frac{6}{11}\times\frac{11}{18}=$

3 脱式

$\left[\left(\frac{1}{3}+\frac{1}{5}\right)\times\frac{5}{8}\right]\div\frac{2}{3}$　　$\frac{11}{7}-\left(\frac{1}{5}+\frac{12}{5}\div\frac{8}{3}\right)$

练习 28

1 比大小

$\frac{5}{3}\bigcirc\frac{8}{5}$　　$\frac{5}{11}\bigcirc\frac{7}{15}$　　$\frac{6}{7}\bigcirc\frac{5}{6}$

$\frac{5}{8}\bigcirc\frac{7}{12}$　　$\frac{8}{7}\bigcirc\frac{6}{5}$　　$\frac{9}{7}\bigcirc\frac{11}{9}$

2 计算

$\frac{3}{4}+\frac{5}{8}=$　　$\frac{3}{7}+\frac{4}{9}=$　　$\frac{1}{7}+\frac{3}{11}=$

$\frac{5}{8}-\frac{3}{7}=$　　$\frac{3}{2}-\frac{5}{8}=$　　$\frac{6}{7}-\frac{5}{11}=$

$\frac{3}{4}\times\frac{5}{6}=$　　$\frac{6}{13}\times\frac{5}{6}=$　　$\frac{8}{7}\times\frac{3}{4}=$

3 脱式

$\left(\frac{22}{3}-\frac{5}{4}\right)\times\frac{4}{5}+\frac{21}{20}$　　$\left(\frac{3}{2}+\frac{8}{3}\right)\div\frac{7}{4}-\frac{1}{9}$

1 比大小

$\frac{6}{5}\bigcirc\frac{9}{8}$　　$\frac{5}{7}\bigcirc\frac{11}{15}$　　$\frac{6}{7}\bigcirc\frac{3}{4}$

$\frac{2}{5}\bigcirc\frac{1}{3}$　　$\frac{5}{18}\bigcirc\frac{1}{4}$　　$\frac{6}{11}\bigcirc\frac{7}{12}$

2 计算

$\frac{4}{5}+\frac{3}{11}=$　　$\frac{2}{9}+\frac{2}{3}=$　　$\frac{6}{5}+\frac{1}{2}=$

$\frac{5}{8}-\frac{1}{3}=$　　$\frac{5}{6}-\frac{2}{3}=$　　$\frac{6}{7}-\frac{3}{4}=$

$\frac{3}{5}\times\frac{2}{3}=$　　$\frac{5}{6}\times\frac{3}{7}=$　　$\frac{3}{8}\times\frac{4}{7}=$

3 脱式

$\left(\frac{3}{2}-\frac{2}{3}\right)\times\left(3-\frac{9}{5}\right)$　　$\frac{18}{5}\div\left[16\times\left(1-\frac{5}{8}\right)+\frac{9}{5}\right]$

练习 30

1 比大小

$\frac{5}{4}\bigcirc\frac{4}{3}$　　$\frac{8}{5}\bigcirc\frac{7}{6}$　　$\frac{9}{13}\bigcirc\frac{4}{7}$

$\frac{3}{7}\bigcirc\frac{5}{8}$　　$\frac{5}{12}\bigcirc\frac{6}{11}$　　$\frac{1}{8}\bigcirc\frac{2}{15}$

2 计算

$\frac{5}{7}+\frac{2}{3}=$　　$\frac{5}{6}+\frac{3}{4}=$　　$\frac{3}{8}+\frac{1}{3}=$

$\frac{5}{3}-\frac{4}{5}=$　　$\frac{8}{9}-\frac{2}{3}=$　　$2-\frac{2}{3}=$

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

3 脱式

$\frac{8}{9}\times\left[\frac{3}{4}-\left(\frac{7}{16}-\frac{1}{4}\right)\right]$　　$8-\left(\frac{14}{3}-\frac{9}{2}\right)\times\frac{12}{11}$

参考答案

练习 1:

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$\frac{4}{7}$ $\frac{11}{9}$ $\frac{9}{11}$

$\frac{2}{3}$ $\frac{3}{13}$ $\frac{1}{2}$

$\frac{3}{7}$ $\frac{1}{10}$ $\frac{5}{8}$

$\frac{12}{13}$ $\frac{11}{16}$

练习 2:

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1 $\frac{9}{7}$ $\frac{7}{5}$

$\frac{2}{7}$ $\frac{1}{2}$ $\frac{1}{8}$

$\frac{1}{5}$ $\frac{4}{7}$ $\frac{3}{14}$

$\frac{4}{5}$ $1\frac{2}{5}$

练习 3:

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$\frac{3}{4}$ $\frac{2}{3}$ $\frac{7}{6}$

$\frac{3}{5}$ $\frac{2}{3}$ $\frac{1}{11}$

$\frac{5}{8}$ $\frac{2}{7}$ $\frac{5}{12}$

23 12

练习 4:

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$\frac{7}{5}$ 1 2

$\frac{2}{5}$ $\frac{2}{7}$ $\frac{3}{7}$

$\frac{8}{15}$ $\frac{5}{14}$ $\frac{3}{10}$

1 $\frac{6}{7}$

练习 5:

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$\frac{6}{5}$ $\frac{10}{7}$ $\frac{3}{4}$

$\frac{1}{3}$ $\frac{1}{11}$ $\frac{2}{5}$

$\frac{9}{14}$ $\frac{2}{21}$ $\frac{1}{2}$

$\frac{13}{6}$ $\frac{7}{24}$

练习 6:

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$\frac{9}{7}$ $\frac{11}{13}$ $\frac{13}{8}$

$\frac{1}{4}$ $\frac{8}{23}$ $\frac{5}{7}$

$\frac{1}{4}$ $\frac{3}{4}$ $\frac{8}{9}$

$\frac{2}{13}$ 3

练习 7:

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$\frac{9}{7}$ $\frac{7}{8}$ $\frac{12}{13}$

$\frac{3}{7}$ $\frac{2}{9}$ $\frac{1}{6}$

$\frac{3}{14}$ $\frac{12}{13}$ $\frac{5}{14}$

0 $98\frac{1}{100}$

练习 8:

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1 $\frac{9}{7}$ $\frac{7}{10}$

$\frac{1}{2}$ $\frac{9}{22}$ $\frac{1}{15}$

$\frac{6}{13}$ $\frac{4}{5}$ $\frac{4}{13}$

$\frac{19}{20}$ $\frac{2}{5}$

练习 9:

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$\frac{5}{7}$ $\frac{9}{8}$ $\frac{17}{12}$

$\frac{1}{2}$ $\frac{9}{26}$ $\frac{5}{16}$

$\frac{5}{12}$ $\frac{9}{14}$ $\frac{5}{28}$

$\frac{9}{20}$ $43\frac{43}{44}$

练习 10:

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$\frac{7}{6}$ $\frac{19}{14}$ $\frac{19}{24}$

$\frac{2}{7}$ $\frac{1}{3}$ $\frac{1}{14}$

$\frac{5}{21}$ $\frac{36}{77}$ $\frac{5}{14}$

3 $\frac{43}{24}$

练习 11:

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$\frac{29}{28}$ $\frac{67}{72}$ $\frac{9}{14}$

$\frac{97}{104}$ $\frac{43}{70}$ $\frac{139}{154}$

$\frac{3}{10}$ $\frac{15}{49}$ $\frac{4}{9}$

$\frac{6}{25}$ $\frac{3}{4}$

练习 12:

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$\frac{11}{15}$ $\frac{23}{24}$ $\frac{41}{28}$

$\frac{5}{6}$ $\frac{5}{24}$ $\frac{3}{14}$

$\frac{2}{5}$ $\frac{3}{14}$ $\frac{5}{14}$

1 $\frac{25}{18}$

练习 13:

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$\frac{9}{10}$ $\frac{41}{35}$ $\frac{37}{56}$

$\frac{4}{15}$ $\frac{1}{63}$ $\frac{4}{35}$

$\frac{4}{13}$ $\frac{4}{5}$ $\frac{12}{35}$

15 4

练习 14:

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$\frac{17}{12}$ $\frac{22}{15}$ $\frac{23}{20}$

$\frac{29}{28}$ $\frac{17}{20}$ $\frac{24}{35}$

$\frac{1}{2}$ $\frac{2}{7}$ $\frac{5}{16}$

186 5

练习 15:

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$\frac{13}{12}$ $\frac{44}{35}$ $\frac{19}{12}$

$\frac{4}{15}$ $\frac{4}{21}$ $\frac{4}{3}$

$\frac{4}{7}$ $\frac{1}{6}$ $\frac{5}{14}$

10 75

练习 16:

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$\frac{29}{15}$ $\frac{53}{35}$ $\frac{38}{45}$

$\frac{4}{15}$ $\frac{8}{21}$ $\frac{2}{3}$

$\frac{6}{5}$ $\frac{3}{4}$ $\frac{3}{10}$

1 $\frac{2}{9}$

练习 17:

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$\frac{31}{35}$ $\frac{27}{20}$ $\frac{103}{72}$

$\frac{11}{35}$ $\frac{3}{8}$ $\frac{16}{45}$

$\frac{5}{14}$ $\frac{10}{11}$ $\frac{14}{5}$

$\frac{9}{20}$ $\frac{7}{24}$

练习 18:

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$\frac{29}{35}$ $\frac{45}{28}$ $\frac{11}{6}$

$\frac{4}{35}$ $\frac{1}{18}$ $\frac{1}{8}$

$\frac{1}{5}$ $\frac{3}{14}$ $\frac{5}{28}$

$43\frac{43}{44}$ $\frac{19}{20}$

练习 19:

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$\frac{19}{28}$ $\frac{37}{30}$ $\frac{31}{35}$

$\frac{1}{6}$ $\frac{3}{14}$ $\frac{1}{39}$

$\frac{1}{10}$ $\frac{3}{7}$ $\frac{8}{7}$

3 $98\frac{1}{100}$

练习 20:

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$\frac{16}{15}$ $\frac{23}{20}$ $\frac{14}{15}$

$\frac{3}{20}$ $\frac{4}{35}$ $\frac{1}{78}$

$\frac{2}{7}$ $\frac{3}{14}$ $\frac{2}{9}$

$\frac{2}{5}$ 0

练习 21:

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$\frac{23}{20}$ $\frac{41}{40}$ $\frac{33}{28}$

$\frac{4}{15}$ $\frac{1}{8}$ $\frac{9}{35}$

$\frac{2}{7}$ $\frac{8}{21}$ $\frac{2}{5}$

$\frac{1}{2}$ $\frac{9}{8}$

练习 22:

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$\frac{29}{12}$ $\frac{67}{56}$ $\frac{13}{8}$

$\frac{2}{15}$ $\frac{19}{42}$ $\frac{61}{56}$

$\frac{3}{14}$ $\frac{1}{2}$ $\frac{5}{14}$

$\frac{26}{5}$ $\frac{1}{6}$

练习 23:

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$\frac{41}{28}$ $\frac{49}{40}$ $\frac{57}{77}$

$\frac{1}{12}$ $\frac{11}{21}$ $\frac{26}{63}$

$\frac{6}{7}$ $\frac{1}{2}$ $\frac{7}{12}$

$\frac{24}{13}$ $\frac{25}{48}$

练习 24:

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$\frac{46}{21}$ $\frac{41}{28}$ $\frac{46}{35}$

$\frac{1}{6}$ $\frac{5}{28}$ $\frac{23}{77}$

$\frac{10}{7}$ $\frac{2}{7}$ $\frac{5}{18}$

$1\frac{2}{5}$ $\frac{4}{5}$

练习 25:

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$\frac{29}{21}$ $\frac{29}{35}$ $\frac{77}{72}$

$\frac{4}{15}$ $\frac{19}{56}$ $\frac{17}{24}$

$\frac{3}{7}$ $\frac{7}{15}$ $\frac{5}{11}$

$\frac{7}{6}$ $\frac{10}{3}$

练习 26:

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$\frac{29}{35}$ $\frac{47}{40}$ $\frac{7}{3}$

$\frac{19}{56}$ $\frac{3}{20}$ $\frac{39}{35}$

$\frac{5}{14}$ $\frac{1}{2}$ $\frac{10}{7}$

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练习 27:

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$\frac{19}{12}$ $\frac{9}{8}$ $\frac{31}{20}$

$\frac{1}{8}$ $\frac{2}{35}$ $\frac{11}{72}$

$\frac{2}{5}$ $\frac{1}{2}$ $\frac{1}{3}$

$\frac{1}{2}$ $\frac{33}{70}$

练习 28:

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$\frac{11}{8}$ $\frac{55}{63}$ $\frac{32}{77}$

$\frac{11}{56}$ $\frac{7}{8}$ $\frac{31}{77}$

$\frac{5}{8}$ $\frac{5}{13}$ $\frac{6}{7}$

$\frac{71}{12}$ $\frac{143}{63}$

练习 29:

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$\frac{59}{55}$ $\frac{8}{9}$ $\frac{17}{10}$

$\frac{7}{24}$ $\frac{1}{6}$ $\frac{3}{28}$

$\frac{2}{5}$ $\frac{5}{14}$ $\frac{3}{14}$

1 $\frac{6}{13}$

练习 30:

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$\frac{29}{21}$ $\frac{19}{12}$ $\frac{17}{24}$

$\frac{13}{15}$ $\frac{2}{9}$ $\frac{4}{3}$

$\frac{3}{10}$ $\frac{3}{14}$ $\frac{1}{2}$

$\frac{1}{2}$ $7\frac{9}{11}$

练习 1

1 比大小

$\frac{4}{7}\bigcirc\frac{3}{7}$　　$\frac{3}{5}\bigcirc\frac{3}{7}$　　$\frac{8}{5}\bigcirc1\frac{3}{5}$

$\frac{2}{3}\bigcirc\frac{9}{11}$　　$\frac{5}{12}\bigcirc\frac{11}{24}$　　$\frac{7}{8}\bigcirc\frac{8}{7}$

2 计算

$\frac{3}{5}+\frac{1}{5}=$　　$\frac{2}{7}+\frac{5}{14}=$　　$\frac{3}{7}+\frac{2}{5}=$

$\frac{3}{5}-\frac{2}{5}=$　　$\frac{2}{5}-\frac{4}{15}=$　　$\frac{3}{7}-\frac{1}{4}=$

$\frac{3}{5}\times\frac{5}{6}=$　　$\frac{5}{7}\times\frac{2}{3}=$　　$1\frac{3}{5}\times2\frac{1}{2}=$

3 脱式

$\frac{1}{5}+\frac{3}{5}\times\frac{1}{2}+\frac{5}{7}\div\frac{2}{7}$　　$\frac{5}{8}-\frac{1}{2}\times\frac{3}{4}+\frac{1}{4}$

练习 2

1 比大小

$\frac{4}{5}\bigcirc\frac{3}{5}$　　$\frac{3}{8}\bigcirc\frac{3}{7}$　　$\frac{8}{3}\bigcirc2\frac{2}{3}$

$\frac{8}{15}\bigcirc\frac{9}{14}$　　$\frac{5}{7}\bigcirc\frac{11}{14}$　　$\frac{3}{8}\bigcirc\frac{2}{7}$

2 计算

$\frac{2}{7}+\frac{3}{7}=$　　$\frac{2}{3}+\frac{5}{9}=$　　$\frac{3}{8}+\frac{2}{5}=$

$\frac{3}{8}-\frac{1}{8}=$　　$\frac{5}{6}-\frac{7}{12}=$　　$\frac{6}{7}-\frac{5}{9}=$

$\frac{3}{5}\times\frac{4}{7}=$　　$\frac{3}{8}\times\frac{4}{7}=$　　$1\frac{3}{5}\times3\frac{1}{3}=$

3 脱式

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

$\frac{3}{5}\times\frac{5}{6}\div2+\frac{1}{3}$

练习3

1 比大小

$\frac{5}{9}\bigcirc\frac{5}{7}$　　$\frac{5}{8}\bigcirc\frac{3}{8}$　　$\frac{8}{7}\bigcirc1\frac{2}{7}$

$\frac{8}{5}\bigcirc\frac{9}{4}$　　$\frac{15}{17}\bigcirc\frac{31}{34}$　　$\frac{15}{8}\bigcirc\frac{16}{7}$

2 计算

$\frac{5}{9}+\frac{2}{9}=$　　$\frac{6}{13}+\frac{5}{26}=$　　$\frac{3}{8}+\frac{1}{6}=$

$\frac{6}{11}-\frac{2}{11}=$　　$\frac{23}{24}-\frac{5}{6}=$　　$\frac{7}{9}-\frac{3}{5}=$

$\frac{3}{7}\times\frac{5}{6}=$　　$\frac{8}{7}\times\frac{14}{15}=$　　$3\frac{2}{5}\times\frac{1}{2}=$

3 脱式

$24\times\frac{3}{8}-5\div\frac{2}{3}+\frac{3}{4}$　　$\frac{3}{5}\div\frac{2}{15}\times24-80$

练习 4

1 比大小

$\frac{7}{12}\bigcirc\frac{3}{12}$　　$\frac{3}{13}\bigcirc\frac{3}{14}$　　$\frac{18}{13}\bigcirc1\frac{2}{13}$

$\frac{8}{7}\bigcirc\frac{9}{10}$　　$\frac{5}{6}\bigcirc\frac{11}{12}$　　$\frac{13}{9}\bigcirc\frac{15}{7}$

2 计算

$\frac{12}{13}+\frac{7}{13}=$　　$\frac{7}{10}+\frac{3}{5}=$　　$\frac{6}{13}+\frac{3}{7}=$

$\frac{8}{15}-\frac{4}{15}=$　　$\frac{5}{12}-\frac{7}{18}=$　　$\frac{6}{17}-\frac{1}{6}=$

$\frac{3}{8}\times\frac{7}{6}=$　　$\frac{6}{13}\times\frac{5}{7}=$　　$4\frac{3}{5}\times\frac{1}{3}=$

3 脱式

$\frac{4}{15}\div\frac{9}{5}+\frac{11}{15}\times\frac{5}{9}$

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

练习 5

1 比大小

$\frac{14}{25}\bigcirc\frac{13}{25}$　　$\frac{43}{18}\bigcirc\frac{43}{17}$　　$\frac{28}{3}\bigcirc 8\frac{2}{3}$

$\frac{8}{55}\bigcirc\frac{9}{44}$　　$\frac{4}{9}\bigcirc\frac{11}{27}$　　$\frac{5}{9}\bigcirc\frac{2}{7}$

2 计算

$\frac{5}{13}+\frac{3}{13}=$　　$\frac{6}{17}+\frac{2}{85}=$　　$\frac{5}{13}+\frac{4}{17}=$

$\frac{3}{16}-\frac{1}{8}=$　　$\frac{5}{7}-\frac{3}{8}=$　　$\frac{15}{16}-\frac{4}{7}=$

$\frac{5}{14}\times\frac{7}{9}=$　　$\frac{8}{13}\times\frac{26}{7}=$　　$3\frac{2}{5}\times\frac{5}{7}=$

3 脱式

$\frac{16}{5}\times\frac{3}{2}\div\frac{4}{5}$　　$(3-1.4)\div\frac{8}{15}$

练习 6

1 比大小

$\frac{7}{8}\bigcirc\frac{5}{8}$　　$\frac{33}{19}\bigcirc\frac{33}{17}$　　$\frac{48}{7}\bigcirc7\frac{2}{7}$

$\frac{18}{45}\bigcirc\frac{19}{34}$　　$\frac{2}{15}\bigcirc\frac{8}{45}$　　$3\frac{1}{8}\bigcirc2\frac{6}{7}$

2 计算

$\frac{3}{46}+\frac{7}{46}=$　　$\frac{8}{19}+\frac{11}{76}=$　　$\frac{7}{18}+\frac{5}{7}=$

$\frac{5}{16}-\frac{3}{16}=$　　$\frac{8}{15}-\frac{5}{12}=$　　$\frac{6}{11}-\frac{3}{7}=$

$\frac{11}{15}\times\frac{5}{6}=$　　$\frac{16}{17}\times\frac{7}{8}=$　　$1\frac{2}{5}\times2\frac{2}{3}=$

3 脱式

$\frac{5}{12}\div8+\frac{1}{8}\times\frac{7}{12}$　　$\frac{7}{9}\div\frac{11}{4}+\frac{2}{9}\times\frac{5}{11}$

练习 7

1 比大小

$\frac{24}{7}\bigcirc\frac{23}{7}$　　$\frac{6}{35}\bigcirc\frac{6}{37}$　　$\frac{17}{5}\bigcirc3\frac{2}{5}$

$\frac{11}{23}\bigcirc\frac{13}{24}$　　$\frac{5}{18}\bigcirc\frac{11}{54}$　　$\frac{4}{5}\bigcirc\frac{5}{7}$

2 计算

$\frac{8}{23}+\frac{5}{23}=$　　$\frac{6}{13}+\frac{5}{39}=$　　$\frac{15}{8}+\frac{5}{13}=$

$\frac{8}{19}-\frac{5}{19}=$　　$\frac{12}{13}-\frac{5}{52}=$　　$\frac{7}{13}-\frac{5}{11}=$

$\frac{6}{17}\times\frac{5}{4}=$　　$\frac{6}{13}\times\frac{7}{16}=$　　$1\frac{3}{5}\times2\frac{2}{7}=$

3 脱式

$\frac{3}{20}\times\frac{9}{19}+\frac{3}{20}\times\frac{10}{19}$　　$\frac{11}{7}-\left(\frac{1}{5}+\frac{12}{5}\div\frac{8}{3}\right)$

练习 8

1 比大小

$\frac{34}{61}\bigcirc\frac{43}{61}$　　$\frac{33}{28}\bigcirc\frac{33}{27}$　　$\frac{48}{23}\bigcirc 2\frac{2}{23}$

$\frac{8}{5}\bigcirc\frac{9}{4}$　　$\frac{35}{27}\bigcirc\frac{11}{9}$　　$\frac{3}{18}\bigcirc\frac{1}{7}$

2 计算

$\frac{5}{16}+\frac{3}{16}=$　　$\frac{8}{17}+\frac{5}{34}=$　　$\frac{7}{16}+\frac{5}{28}=$

$\frac{8}{19}-\frac{5}{19}=$　　$\frac{8}{23}-\frac{5}{69}=$　　$\frac{5}{7}-\frac{7}{23}=$

$\frac{8}{17}\times\frac{45}{16}=$　　$\frac{8}{19}\times\frac{2}{3}=$　　$2\frac{9}{23}\times 1\frac{2}{3}=$

3 脱式

$2-\frac{3}{8}\div\frac{7}{16}-\frac{1}{7}$　　$\frac{11}{10}-\frac{1}{4}-\frac{3}{4}+\frac{9}{10}$

练习 9

1 比大小

$\frac{2}{9}\bigcirc\frac{5}{9}$　　$\frac{43}{18}\bigcirc\frac{43}{17}$　　$2\frac{2}{3}\bigcirc3\frac{1}{3}$

$\frac{8}{11}\bigcirc\frac{9}{10}$　　$\frac{5}{8}\bigcirc\frac{11}{16}$　　$\frac{3}{17}\bigcirc\frac{2}{13}$

2 计算

$\frac{5}{6}+\frac{2}{6}=$　　$\frac{3}{14}+\frac{5}{28}=$　　$\frac{8}{13}+\frac{5}{11}=$

$\frac{9}{11}-\frac{7}{11}=$　　$\frac{3}{7}-\frac{5}{14}=$　　$\frac{8}{17}-\frac{2}{5}=$

$\frac{5}{7}\times\frac{3}{4}=$　　$\frac{6}{13}\times\frac{5}{12}=$　　$2\frac{1}{3}\times2\frac{2}{5}=$

3 脱式

$\frac{5}{7}\times72-\frac{5}{7}\times23$　　$\frac{3}{7}\times\frac{5}{6}-\frac{1}{8}\div\frac{7}{4}$

练习 10

1 比大小

$\frac{74}{15}\bigcirc\frac{83}{15}$　　$\frac{53}{28}\bigcirc\frac{53}{17}$　　$\frac{37}{12}\bigcirc3\frac{5}{12}$

$\frac{24}{17}\bigcirc\frac{29}{13}$　　$\frac{4}{15}\bigcirc\frac{11}{30}$　　$\frac{3}{7}\bigcirc\frac{4}{9}$

2 计算

$\frac{8}{11}+\frac{5}{11}=$　　$\frac{8}{15}+\frac{3}{5}=$　　$\frac{7}{16}+\frac{5}{12}=$

$\frac{7}{6}-\frac{1}{6}=$　　$\frac{17}{16}-\frac{3}{4}=$　　$\frac{5}{7}-\frac{3}{8}=$

$\frac{8}{13}\times\frac{5}{7}=$　　$\frac{6}{7}\times\frac{3}{8}=$　　$2\frac{8}{9}\times\frac{4}{5}=$

3 脱式

$20\div\frac{8}{9}\div\frac{3}{4}$　　$\frac{7}{12}+\frac{3}{8}-\frac{1}{4}+\frac{5}{12}$

1 比大小

$\frac{5}{8}\bigcirc\frac{7}{8}$　　$\frac{31}{82}\bigcirc\frac{31}{75}$　　$\frac{48}{19}\bigcirc 2\frac{12}{19}$

$\frac{28}{13}\bigcirc\frac{29}{11}$　　$\frac{5}{8}\bigcirc\frac{13}{24}$　　$\frac{17}{18}\bigcirc\frac{23}{24}$

2 计算

$\frac{4}{9}+\frac{5}{9}=$　　$\frac{7}{12}+\frac{5}{36}=$　　$\frac{6}{7}+\frac{5}{9}=$

$\frac{6}{7}-\frac{3}{7}=$　　$\frac{6}{17}-\frac{7}{34}=$　　$\frac{6}{13}-\frac{2}{11}=$

$\frac{5}{7}\times\frac{14}{12}=$　　$\frac{3}{8}\times\frac{5}{3}=$　　$2\frac{2}{5}\times 1\frac{3}{7}=$

3 脱式

$\frac{4}{9}\div\left(\frac{2}{3}-\frac{2}{5}\right)\div\frac{1}{3}$　　$\frac{5}{9}\div 5+5\div\frac{5}{9}$

练习 12

1 比大小

$\frac{7}{16}\bigcirc\frac{13}{16}$　　$\frac{15}{23}\bigcirc\frac{15}{22}$　　$\frac{16}{5}\bigcirc3\frac{2}{5}$

$\frac{8}{17}\bigcirc\frac{9}{16}$　　$\frac{5}{9}\bigcirc\frac{11}{18}$　　$\frac{1}{6}\bigcirc\frac{3}{17}$

2 计算

$\frac{5}{17}+\frac{3}{17}=$　　$\frac{5}{16}+\frac{15}{32}=$　　$\frac{3}{13}+\frac{5}{7}=$

$\frac{5}{13}-\frac{3}{13}=$　　$\frac{7}{16}-\frac{5}{36}=$　　$\frac{16}{17}-\frac{6}{11}=$

$\frac{5}{16}\times\frac{8}{9}=$　　$\frac{6}{17}\times\frac{3}{7}=$　　$1\frac{5}{7}\times\frac{14}{32}=$

3 脱式

$\frac{4}{15}\div\left(\frac{13}{9}-\frac{2}{3}\times\frac{5}{6}\right)$　　$42\div\left(\frac{6}{5}\div\frac{3}{7}\right)$

1 比大小

$\frac{9}{14}\bigcirc\frac{11}{14}$　　$\frac{8}{9}\bigcirc\frac{8}{7}$　　$\frac{38}{13}\bigcirc3$

$\frac{5}{9}\bigcirc\frac{6}{7}$　　$\frac{17}{27}\bigcirc\frac{11}{18}$　　$\frac{3}{5}\bigcirc\frac{42}{73}$

2 计算

$\frac{5}{8}+\frac{3}{8}=$　　$\frac{6}{31}+\frac{5}{93}=$　　$\frac{3}{5}+\frac{7}{12}=$

$\frac{6}{17}-\frac{2}{17}=$　　$\frac{5}{18}-\frac{1}{6}=$　　$\frac{18}{7}-\frac{6}{5}=$

$\frac{8}{13}\times\frac{26}{7}=$　　$\frac{5}{18}\times\frac{9}{23}=$　　$1\frac{3}{8}\times2\frac{5}{7}=$

3 脱式

$12\times\left(\frac{7}{5}\div\frac{3}{10}\right)$　　$\frac{7}{9}\div\frac{2}{3}\div\frac{7}{8}$

练习 14

1 比大小

$\frac{4}{13}\bigcirc\frac{6}{13}$　　$\frac{9}{8}\bigcirc\frac{9}{7}$　　$\frac{8}{13}\bigcirc 0.6$

$\frac{8}{25}\bigcirc\frac{7}{34}$　　$\frac{15}{18}\bigcirc\frac{11}{12}$　　$1\frac{3}{8}\bigcirc 1.4$

2 计算

$\frac{6}{17}+\frac{4}{17}=$　　$\frac{8}{13}+\frac{7}{39}=$　　$\frac{5}{8}+\frac{3}{13}=$

$\frac{8}{19}-\frac{7}{19}=$　　$\frac{13}{25}-\frac{4}{15}=$　　$\frac{5}{7}-\frac{2}{13}=$

$\frac{3}{7}\times\frac{5}{6}=$　　$\frac{13}{18}\times\frac{6}{17}=$　　$2\frac{1}{6}\times 3\frac{2}{5}=$

3 脱式

$\frac{3}{11}\times 87+12\div\frac{11}{3}$　　$48\times\left(\frac{11}{24}+\frac{5}{12}-\frac{3}{8}\right)$

练习 15

1 比大小

$\frac{3}{8}\bigcirc\frac{5}{8}$　　$\frac{3}{14}\bigcirc\frac{3}{16}$　　$3\bigcirc2\frac{2}{3}$

$\frac{7}{18}\bigcirc\frac{9}{16}$　　$\frac{5}{19}\bigcirc\frac{11}{38}$　　$\frac{3}{11}\bigcirc\frac{4}{13}$

2 计算

$\frac{13}{7}+\frac{5}{7}=$　　$\frac{6}{19}+\frac{7}{57}=$　　$\frac{9}{14}+\frac{5}{21}=$

$\frac{8}{13}-\frac{5}{13}=$　　$\frac{5}{16}-\frac{5}{24}=$　　$\frac{23}{15}-\frac{21}{20}=$

$\frac{6}{17}\times\frac{7}{12}=$　　$\frac{6}{19}\times\frac{38}{71}=$　　$2\frac{3}{4}\times3\frac{1}{2}=$

3 脱式

$\left(\frac{1}{7}+\frac{5}{14}\right)\div\frac{5}{14}$　　$\frac{1}{2}\div\left[\left(\frac{1}{8}+\frac{1}{4}\right)\times\frac{2}{3}\right]$

练习 16

1 比大小

$\frac{4}{9}\bigcirc\frac{5}{9}$　　$\frac{12}{5}\bigcirc\frac{12}{7}$　　$2.6\bigcirc2\frac{2}{3}$

$\frac{8}{35}\bigcirc\frac{9}{34}$　　$\frac{5}{8}\bigcirc\frac{13}{20}$　　$\frac{5}{8}\bigcirc\frac{4}{7}$

2 计算

$\frac{2}{15}+\frac{7}{15}=$　　$\frac{8}{13}+\frac{17}{39}=$　　$\frac{6}{11}+\frac{8}{13}=$

$\frac{6}{13}-\frac{2}{13}=$　　$\frac{6}{17}-\frac{5}{51}=$　　$\frac{13}{5}-\frac{6}{7}=$

$\frac{3}{7}\times\frac{5}{12}=$　　$\frac{13}{5}\times\frac{10}{39}=$　　$4\frac{3}{4}\times\frac{4}{5}=$

3 脱式

$24\times\frac{3}{8}+56\div2\frac{2}{3}$　　$\left[1-\left(\frac{1}{2}-\frac{1}{4}\right)\right]\times\frac{2}{3}$

1 比大小

$\frac{4}{7}\bigcirc\frac{3}{7}$　　$\frac{23}{8}\bigcirc\frac{23}{7}$　　$\frac{8}{11}\bigcirc 0.8$

$\frac{8}{21}\bigcirc\frac{9}{19}$　　$\frac{13}{15}\bigcirc\frac{11}{12}$　　$\frac{3}{18}\bigcirc\frac{5}{27}$

2 计算

$\frac{6}{11}+\frac{3}{11}=$　　$\frac{5}{8}+\frac{7}{12}=$　　$\frac{3}{7}+\frac{5}{9}=$

$\frac{13}{15}-\frac{1}{5}=$　　$\frac{9}{17}-\frac{5}{17}=$　　$\frac{7}{9}-\frac{6}{13}=$

$\frac{5}{13}\times\frac{7}{10}=$　　$\frac{8}{15}\times\frac{7}{16}=$　　$3\frac{3}{5}\times\frac{3}{7}=$

3 脱式

$\left(\frac{1}{3}-\frac{1}{4}\right)\div\frac{1}{2}+\frac{5}{6}$　　$\frac{5}{6}\times\frac{2}{3}\div\left(\frac{4}{5}-\frac{8}{15}\right)$

练习 18

1 比大小

$\frac{14}{23}\bigcirc\frac{13}{23}$　　$\frac{35}{8}\bigcirc\frac{35}{7}$　　$\frac{8}{5}\bigcirc 1.5$

$\frac{6}{13}\bigcirc\frac{5}{17}$　　$\frac{25}{18}\bigcirc\frac{51}{36}$　　$\frac{5}{9}\bigcirc\frac{4}{7}$

2 计算

$\frac{6}{7}+\frac{9}{7}=$　　$\frac{3}{5}+\frac{2}{15}=$　　$\frac{5}{8}+\frac{3}{5}=$

$\frac{8}{13}-\frac{5}{13}=$　　$\frac{7}{15}-\frac{11}{30}=$　　$\frac{5}{7}-\frac{4}{9}=$

$\frac{3}{5}\times\frac{15}{21}=$　　$\frac{6}{13}\times\frac{5}{12}=$　　$\frac{5}{12}\times 48=$

3 脱式

$7\times 13\times\left(\frac{8}{7}-\frac{14}{13}\right)$　　$\frac{3}{4}\times\frac{6}{13}\div\frac{9}{26}$

1 比大小

$\frac{4}{15}\bigcirc\frac{3}{15}$　　$\frac{6}{81}\bigcirc\frac{6}{79}$　　$\frac{8}{7}\bigcirc1.2$

$\frac{28}{15}\bigcirc\frac{39}{17}$　　$\frac{7}{10}\bigcirc\frac{13}{20}$　　$\frac{3}{11}\bigcirc\frac{5}{17}$

2 计算

$\frac{6}{13}+\frac{7}{13}=$　　$\frac{3}{7}+\frac{5}{21}=$　　$\frac{6}{11}+\frac{5}{13}=$

$\frac{11}{13}-\frac{8}{13}=$　　$\frac{7}{24}-\frac{1}{12}=$　　$\frac{6}{7}-\frac{3}{11}=$

$\frac{5}{6}\times\frac{7}{3}=$　　$\frac{3}{4}\times\frac{8}{11}=$　　$2\frac{3}{7}\times3\frac{1}{4}=$

3 脱式

$\frac{5}{6}\times0.25+\frac{1}{4}\times\frac{1}{6}$　　$\frac{38}{39}\times40$

练习 20

1 比大小

$\frac{3}{8}\bigcirc\frac{4}{9}$　　$\frac{2}{7}\bigcirc\frac{1}{4}$　　$\frac{5}{4}\bigcirc\frac{3}{5}$

$\frac{3}{6}\bigcirc\frac{1}{2}$　　$\frac{7}{8}\bigcirc\frac{7}{13}$　　$\frac{7}{3}\bigcirc3\frac{1}{3}$

2 计算

$\frac{1}{3}-0.2=$　　$3-\frac{3}{4}=$　　$\frac{9}{13}-\frac{9}{14}=$

$\frac{1}{2}\times0.8=$　　$\frac{7}{12}\times\frac{4}{7}=$　　$\frac{13}{45}\times25=$

$\frac{2}{3}\div6=$　　$4\div\frac{2}{3}=$　　$\frac{2}{9}\div0.375=$

3 脱式

$\frac{7}{4}-\left(\frac{3}{8}+\frac{5}{12}\right)$　　$\frac{1}{7}\times\frac{8}{13}+\frac{5}{13}\div7$

1 比大小

$\frac{2}{13}\bigcirc\frac{1}{7}$　　$\frac{2}{8}\bigcirc\frac{1}{4}$　　$\frac{5}{3}\bigcirc\frac{3}{5}$

$\frac{5}{8}\bigcirc\frac{3}{9}$　　$\frac{13}{14}\bigcirc\frac{12}{13}$　　$\frac{7}{9}\bigcirc1\frac{1}{3}$

2 计算

$\frac{1}{8}-0.1=$　　$3\frac{1}{6}-\frac{5}{6}=$　　$\frac{9}{11}-\frac{8}{14}=$

$\frac{133}{206}\times0=$　　$\frac{4}{7}\times\frac{14}{3}=$　　$\frac{3}{7}\times\frac{1}{6}=$

$1\div\frac{2}{3}=$　　$\frac{3}{8}\div2=$　　$\frac{1}{7}\div\frac{8}{21}=$

3 脱式

$48\times\left(\frac{1}{6}+\frac{1}{8}\right)$　　$\frac{3}{10}\times\left(\frac{5}{7}-\frac{10}{21}\right)$

练习 22

1 比大小

$\frac{4}{33}\bigcirc\frac{3}{24}$　　$\frac{5}{9}\bigcirc\frac{1}{5}$　　$\frac{3}{4}\bigcirc\frac{4}{3}$

$\frac{3}{7}\bigcirc\frac{1}{2}$　　$\frac{13}{16}\bigcirc\frac{1}{9}$　　$\frac{3}{2}\bigcirc\frac{5}{3}$

2 计算

$\frac{1}{4}-\frac{1}{12}=$　　$\frac{1}{3}-0.3=$　　$9-\frac{2}{9}=$

$\frac{3}{20}\times\frac{1}{6}=$　　$\frac{5}{18}\times\frac{9}{20}=$　　$\frac{1}{33}\times44=$

$\frac{1}{7}\div\frac{8}{21}=$　　$\frac{3}{10}\div\frac{3}{5}=$　　$0\div\frac{8}{5}=$

3 脱式

$\frac{1}{4}\times125\times\frac{1}{125}\times8$　　$\left(\frac{1}{2}+\frac{1}{3}+\frac{1}{6}\right)\times24$

1 比大小

$\frac{5}{3}\bigcirc\frac{11}{20}$　　$\frac{7}{4}\bigcirc\frac{7}{5}$　　$\frac{1}{4}\bigcirc\frac{1}{3}$

$\frac{2}{7}\bigcirc\frac{3}{10}$　　$\frac{11}{12}\bigcirc1\frac{3}{8}$　　$\frac{7}{3}\bigcirc\frac{3}{4}$

2 计算

$2-\frac{6}{7}=$　　$\frac{4}{5}-\frac{8}{15}=$　　$\frac{1}{4}-\frac{1}{5}=$

$\frac{5}{6}\times\frac{8}{15}=$　　$\frac{3}{16}\times\frac{4}{9}=$　　$1\frac{2}{3}\times15=$

$0\div\frac{8}{23}=$　　$24\div\frac{3}{4}=$　　$\frac{2}{5}\div\frac{1}{2}=$

3 脱式

$\frac{1}{7}\div7+7\div\frac{1}{7}$　　$6-\left(\frac{1}{7}\div2+3\right)$

练习 24

1 比大小

$\frac{5}{6}\bigcirc\frac{6}{7}$　　$\frac{7}{14}\bigcirc\frac{7}{15}$　　$\frac{5}{6}\bigcirc\frac{8}{13}$

$\frac{2}{7}\bigcirc\frac{3}{7}$　　$\frac{13}{25}\bigcirc\frac{13}{28}$　　$1\frac{1}{3}\bigcirc\frac{7}{3}$

2 计算

$\frac{15}{4}-1\frac{1}{2}=$　　$3-\frac{8}{5}=$　　$3\frac{1}{4}-2\frac{1}{5}=$

$1\frac{5}{6}\times\frac{8}{5}=$　　$\frac{7}{6}\times\frac{3}{14}=$　　$\frac{2}{13}\times169=$

$12\div\frac{4}{3}=$　　$\frac{3}{8}\div\frac{1}{2}=$　　$\frac{7}{5}\div\frac{21}{10}=$

3 脱式

$\frac{7}{8}-\frac{1}{13}+\frac{9}{8}-\frac{12}{13}$　　$\frac{3}{8}\div\left[\frac{3}{4}+\left(\frac{7}{16}-\frac{1}{4}\right)\right]$

1 比大小

$\frac{15}{16}\bigcirc\frac{1}{6}$　　$\frac{7}{4}\bigcirc\frac{7}{5}$　　$\frac{15}{26}\bigcirc\frac{9}{13}$

$\frac{7}{3}\bigcirc\frac{39}{47}$　　$\frac{15}{75}\bigcirc\frac{1}{5}$　　$1\frac{2}{3}\bigcirc\frac{7}{4}$

2 计算

$\frac{5}{3}-1\frac{1}{3}=$　　$\frac{9}{26}-\frac{2}{13}=$　　$1\frac{5}{8}-\frac{1}{5}=$

$\frac{4}{5}\times\frac{3}{8}=$　　$2.5\times\frac{3}{15}=$　　$\frac{1}{6}\times\frac{7}{9}=$

$\frac{5}{12}\div 10=$　　$\frac{1}{6}\div\frac{5}{12}=$　　$3\frac{1}{3}\div\frac{21}{12}=$

3 脱式

$\frac{37}{63}\div 7+\frac{1}{7}\times\frac{26}{63}$

$12\div[18\times(\frac{5}{6}-\frac{3}{4})]$

练习 26

1 比大小

$\frac{13}{18}\bigcirc\frac{7}{9}$　　$1\frac{2}{7}\bigcirc\frac{17}{8}$　　$\frac{5}{14}\bigcirc\frac{3}{15}$

$\frac{3}{2}\bigcirc1\frac{1}{2}$　　$\frac{14}{15}\bigcirc\frac{17}{13}$　　$\frac{7}{23}\bigcirc\frac{18}{23}$

2 计算

$\frac{2}{7}-\frac{2}{13}=$　　$\frac{1}{3}-\frac{1}{4}=$　　$\frac{11}{15}-\frac{9}{14}=$

$\frac{2}{5}\times\frac{1}{4}=$　　$\frac{7}{2}\times\frac{2}{3}=$　　$\frac{111}{139}\times140=$

$\frac{12}{5}\div6=$　　$\frac{5}{7}\div\frac{2}{3}=$　　$\frac{3}{8}\div6=$

3 脱式

$\frac{1}{8}-\frac{5}{12}\times\frac{3}{5}\div3$　　$35\div(\frac{7}{8}-\frac{5}{6})$

1 比大小

$\frac{2}{45}\bigcirc\frac{1}{26}$　　$1\frac{1}{2}\bigcirc\frac{5}{2}$　　$\frac{2}{3}\bigcirc\frac{5}{9}$

$2\frac{1}{4}\bigcirc\frac{15}{7}$　　$\frac{7}{25}\bigcirc\frac{1}{3}$　　$\frac{14}{3}\bigcirc4\frac{2}{3}$

2 计算

$2\frac{1}{3}-1\frac{1}{3}=$　　$\frac{2}{3}-\frac{2}{9}=$　　$\frac{7}{13}-\frac{1}{12}=$

$\frac{9}{10}\times\frac{4}{45}=$　　$\frac{4}{7}\times\frac{1}{4}=$　　$\frac{8}{9}\times\frac{43}{10}=$

$\frac{16}{35}\div\frac{4}{7}=$　　$\frac{5}{18}\div\frac{12}{27}=$　　$\frac{1}{4}\div\frac{1}{4}=$

3 脱式

$12\div(1-\frac{3}{7})$　　$(1-\frac{3}{5})\times\frac{2}{5}\div4$

练习 28

1 比大小

$\frac{3}{4}\bigcirc\frac{2}{3}$　　$\frac{8}{13}\bigcirc\frac{5}{11}$　　$\frac{10}{90}\bigcirc\frac{1}{9}$

$\frac{3}{14}\bigcirc\frac{2}{7}$　　$\frac{12}{25}\bigcirc\frac{1}{2}$　　$\frac{8}{13}\bigcirc\frac{2}{3}$

2 计算

$\frac{5}{6}-\frac{1}{3}=$　　$\frac{8}{7}-\frac{1}{2}=$　　$\frac{1}{6}-\frac{1}{12}=$

$\frac{2}{5}\times\frac{25}{32}=$　　$\frac{8}{9}\times\frac{9}{8}=$　　$0\times\frac{43}{150}=$

$0\div\frac{564}{347}=$　　$\frac{3}{16}\div\frac{9}{64}=$　　$\frac{3}{17}\div\frac{6}{17}=$

3 脱式

$(\frac{5}{6}-\frac{3}{4})\div\frac{2}{9}$　　$(\frac{1}{2}+\frac{1}{3})\div(1-\frac{3}{8})$

1 比大小

$\frac{5}{8}\bigcirc\frac{1}{6}$　　$\frac{6}{12}\bigcirc\frac{9}{18}$　　$\frac{10}{19}\bigcirc\frac{1}{14}$

$\frac{2}{3}\bigcirc\frac{6}{7}$　　$\frac{24}{25}\bigcirc\frac{23}{30}$　　$\frac{4}{17}\bigcirc\frac{2}{9}$

2 计算

$\frac{1}{2}-\frac{1}{3}=$　　$1-\frac{5}{7}=$　　$\frac{16}{15}-1=$

$\frac{2}{5}\times\frac{15}{12}=$　　$\frac{13}{18}\times\frac{9}{26}=$　　$\frac{3}{4}\times\frac{4}{15}=$

$1\div\frac{4}{7}=$　　$\frac{13}{26}\div 2=$　　$\frac{2}{7}\div\frac{14}{17}=$

3 脱式

$2-\frac{2}{3}\div\frac{4}{5}-\frac{1}{6}$　　$\frac{3}{8}+\frac{4}{5}\times\frac{5}{6}+\frac{1}{3}$

练习 30

1 比大小

$\frac{5}{12}\bigcirc\frac{5}{13}$　　$\frac{5}{2}\bigcirc 2.6$　　$\frac{4}{3}\bigcirc\frac{5}{4}$

$\frac{4}{13}\bigcirc\frac{8}{15}$　　$\frac{4}{5}\bigcirc 0.9$　　$\frac{6}{7}\bigcirc\frac{7}{8}$

2 计算

$\frac{5}{2}-\frac{7}{3}=$　　$\frac{7}{9}-\frac{1}{7}=$　　$\frac{11}{3}-3\frac{1}{3}=$

$\frac{6}{7}\times\frac{7}{4}=$　　$\frac{3}{11}\times\frac{121}{3}=$　　$\frac{3}{4}\times\frac{4}{15}=$

$\frac{7}{6}\div\frac{4}{7}=$　　$\frac{33}{46}\div\frac{11}{23}=$　　$\frac{45}{9}\div\frac{1}{5}=$

3 脱式

$\frac{1}{7}\times\frac{21}{11}+\frac{5}{11}\div 5$　　$\frac{7}{8}\div\frac{2}{3}+\frac{7}{8}\times\frac{1}{14}$

参考答案

练习 1:

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$\frac{4}{5}$ $\frac{9}{14}$ $\frac{29}{35}$

$\frac{1}{5}$ $\frac{2}{15}$ $\frac{5}{28}$

$\frac{1}{2}$ $\frac{10}{21}$ 4

3 $\frac{1}{2}$

练习 2:

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$\frac{5}{7}$ $\frac{11}{9}$ $\frac{31}{40}$

$\frac{1}{4}$ $\frac{1}{4}$ $\frac{19}{63}$

$\frac{12}{35}$ $\frac{3}{14}$ $\frac{16}{3}$

$\frac{19}{12}$ $\frac{7}{12}$

练习 3:

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$\frac{7}{9}$ $\frac{17}{26}$ $\frac{13}{24}$

$\frac{4}{11}$ $\frac{1}{8}$ $\frac{8}{45}$

$\frac{5}{14}$ $\frac{16}{15}$ $\frac{17}{10}$

$\frac{9}{4}$ 28

练习 4:

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$\frac{19}{13}$ $\frac{13}{10}$ $\frac{81}{91}$

$\frac{4}{15}$ $\frac{1}{36}$ $\frac{19}{102}$

$\frac{7}{16}$ $\frac{30}{91}$ $\frac{23}{15}$

$\frac{5}{9}$ $\frac{6}{11}$

练习 5:

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$\frac{8}{13}$ $\frac{32}{85}$ $\frac{137}{221}$

$\frac{1}{16}$ $\frac{19}{56}$ $\frac{41}{112}$

$\frac{5}{18}$ $\frac{16}{7}$ $\frac{17}{7}$

6 3

练习 6:

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$\frac{5}{23}$ $\frac{43}{76}$ $\frac{139}{126}$

$\frac{1}{8}$ $\frac{7}{60}$ $\frac{9}{77}$

$\frac{11}{18}$ $\frac{14}{17}$ $\frac{56}{15}$

$\frac{1}{8}$ $\frac{38}{99}$

练习 7:

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$\frac{13}{23}$ $\frac{23}{39}$ $\frac{235}{104}$

$\frac{3}{19}$ $\frac{43}{52}$ $\frac{12}{143}$

$\frac{15}{34}$ $\frac{21}{104}$ $\frac{128}{35}$

$\frac{3}{20}$ $\frac{33}{70}$

练习 8:

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$\frac{1}{2}$ $\frac{21}{34}$ $\frac{69}{112}$

$\frac{3}{19}$ $\frac{19}{69}$ $\frac{66}{161}$

$\frac{45}{34}$ $\frac{16}{57}$ $\frac{275}{69}$

1 1

练习 9:

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$\frac{7}{6}$ $\frac{11}{28}$ $\frac{153}{143}$

$\frac{2}{11}$ $\frac{1}{14}$ $\frac{6}{85}$

$\frac{15}{28}$ $\frac{5}{26}$ $\frac{28}{5}$

35 $\frac{2}{7}$

练习 10:

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$\frac{13}{11}$ $\frac{17}{15}$ $\frac{41}{48}$

1 $\frac{5}{16}$ $\frac{19}{56}$

$\frac{40}{91}$ $\frac{9}{28}$ $\frac{104}{45}$

30 $1\frac{1}{8}$

练习 11:

< < <

< > <

1 $\frac{13}{18}$ $\frac{89}{63}$

$\frac{3}{7}$ $\frac{5}{34}$ $\frac{40}{143}$

$\frac{5}{6}$ $\frac{5}{8}$ $\frac{24}{7}$

5 $9\frac{1}{9}$

练习 12:

< < <

< < <

$\frac{8}{17}$ $\frac{25}{32}$ $\frac{86}{91}$

$\frac{2}{13}$ $\frac{43}{144}$ $\frac{74}{187}$

$\frac{5}{18}$ $\frac{18}{119}$ $\frac{3}{4}$

$\frac{3}{10}$ 15

练习 13:

< < <

< > >

1 $\frac{23}{93}$ $\frac{71}{60}$

$\frac{4}{17}$ $\frac{1}{9}$ $\frac{48}{35}$

$\frac{16}{7}$ $\frac{5}{46}$ $\frac{209}{56}$

56 $\frac{4}{3}$

练习 14:

< < >

> < <

$\frac{10}{17}$ $\frac{31}{39}$ $\frac{89}{104}$

$\frac{1}{19}$ $\frac{19}{75}$ $\frac{51}{91}$

$\frac{5}{14}$ $\frac{13}{51}$ $\frac{221}{30}$

27 24

练习 15:

< > >

< < <

$\frac{18}{7}$ $\frac{25}{57}$ $\frac{37}{42}$

$\frac{3}{13}$ $\frac{5}{48}$ $\frac{29}{60}$

$\frac{7}{34}$ $\frac{12}{71}$ $\frac{77}{8}$

$\frac{7}{5}$ 2

练习 16:

< > <

< < >

$\frac{3}{5}$ $\frac{41}{39}$ $\frac{166}{143}$

$\frac{4}{13}$ $\frac{13}{51}$ $\frac{61}{35}$

$\frac{5}{28}$ $\frac{2}{3}$ $\frac{19}{5}$

30 $\frac{1}{2}$

练习 17:

> < <

< < <

$\frac{9}{11}$ $\frac{29}{24}$ $\frac{62}{63}$

$\frac{2}{3}$ $\frac{4}{17}$ $\frac{37}{117}$

$\frac{7}{26}$ $\frac{7}{30}$ $\frac{54}{35}$

1 $\frac{25}{12}$

练习 18:

> < >

> < <

$\frac{15}{7}$ $\frac{11}{15}$ $\frac{49}{40}$

$\frac{3}{13}$ $\frac{1}{10}$ $\frac{17}{63}$

$\frac{3}{7}$ $\frac{5}{26}$ 20

6 1

练习 19:

$>$ $<$ $<$

$<$ $>$ $<$

1 $\frac{2}{3}$ $\frac{133}{143}$

$\frac{3}{13}$ $\frac{5}{24}$ $\frac{45}{77}$

$\frac{35}{18}$ $\frac{6}{11}$ $\frac{221}{28}$

$\frac{1}{4}$ $38\frac{38}{39}$

练习 20:

$<$ $>$ $>$

$=$ $>$ $<$

$\frac{2}{15}$ $2\frac{1}{4}$ $\frac{9}{182}$

$\frac{2}{5}$ $\frac{1}{3}$ $\frac{65}{9}$

$\frac{1}{9}$ 6 $\frac{16}{27}$

$\frac{23}{24}$ $\frac{1}{7}$

练习 21:

$>$ $=$ $>$

$>$ $>$ $<$

$\frac{1}{40}$ $\frac{7}{3}$ $\frac{19}{77}$

0 $\frac{8}{3}$ $\frac{1}{14}$

$\frac{3}{2}$ $\frac{3}{16}$ $\frac{3}{8}$

14 $\frac{1}{14}$

练习 22:

$<$ $>$ $<$

$<$ $>$ $<$

$\frac{1}{6}$ $\frac{1}{30}$ $8\frac{7}{9}$

$\frac{1}{40}$ $\frac{1}{8}$ $\frac{4}{3}$

$\frac{3}{8}$ $\frac{1}{2}$ 0

2 24

练习 23:

$>$ $>$ $<$

$<$ $<$ $>$

$\frac{8}{7}$ $\frac{4}{15}$ $\frac{1}{20}$

$\frac{4}{9}$ $\frac{1}{12}$ 25

0 32 $\frac{4}{5}$

$49\frac{1}{49}$ $2\frac{13}{14}$

练习 24:

$<$ $>$ $>$

$<$ $>$ $<$

$\frac{9}{4}$ $\frac{7}{5}$ $1\frac{1}{20}$

$\frac{44}{15}$ $\frac{1}{4}$ 26

9 $\frac{3}{4}$ $\frac{2}{3}$

1 $\frac{2}{5}$

练习 25:

>	>	<
>	=	<
$\frac{1}{3}$	$\frac{5}{26}$	$1\frac{17}{40}$
$\frac{3}{10}$	$\frac{1}{2}$	$\frac{7}{54}$
$\frac{1}{24}$	$\frac{2}{5}$	$\frac{40}{21}$
$\frac{1}{7}$	8	

练习 26:

<	<	>
=	<	<
$\frac{12}{91}$	$\frac{1}{12}$	$\frac{19}{210}$
$\frac{1}{10}$	$\frac{7}{3}$	$111\frac{111}{139}$
$\frac{2}{5}$	$\frac{15}{14}$	$\frac{1}{16}$
$\frac{1}{24}$	840	

练习 27:

>	<	>
>	<	=
1	$\frac{4}{9}$	$\frac{71}{156}$
$\frac{2}{25}$	$\frac{1}{7}$	$\frac{172}{45}$
$\frac{4}{5}$	$\frac{5}{8}$	1
21	$\frac{1}{25}$	

练习 28:

>	>	=
<	<	<
$\frac{1}{2}$	$\frac{9}{14}$	$\frac{1}{12}$
$\frac{5}{16}$	1	0
0	$\frac{4}{3}$	$\frac{1}{2}$
$\frac{3}{8}$	$\frac{4}{3}$	

练习 29:

>	=	>
<	>	>
$\frac{1}{6}$	$\frac{2}{7}$	$\frac{1}{15}$
$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{5}$
$\frac{7}{4}$	$\frac{1}{4}$	$\frac{17}{49}$
1	$1\frac{3}{8}$	

练习 30:

>	<	>
<	<	<
$\frac{1}{6}$	$\frac{40}{63}$	$\frac{1}{3}$
$\frac{3}{2}$	11	$\frac{1}{5}$
$\frac{49}{24}$	$\frac{3}{2}$	25
$\frac{4}{11}$	$\frac{11}{8}$	