

分

數

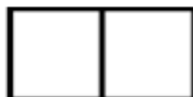
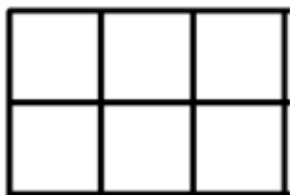
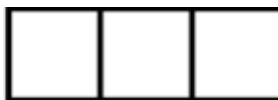
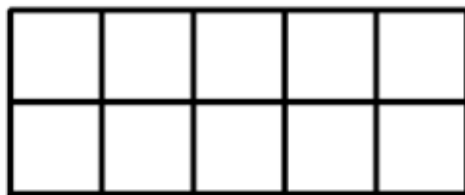
分數的意義

什麼是 $\frac{1}{4}$ 、 $\frac{3}{4}$ 

筆記:



能量吐司 ①

(1) $\frac{1}{2}$ (2) $\frac{3}{6}$ (3) $\frac{7}{8}$ (4) $\frac{1}{5}$ (5) $\frac{2}{3}$ (6) $\frac{10}{10}$ 

分

數

真分數和假分數



$$\frac{3}{4} \text{ 和 } \frac{3}{2}$$

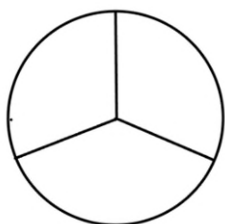


筆記:



能量吐司 (2)

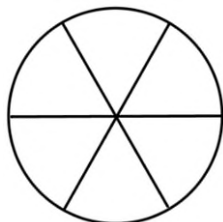
(1) $\frac{2}{3}$



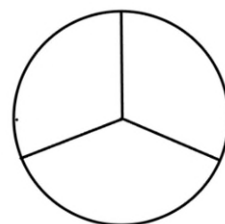
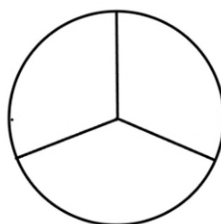
(2) $\frac{3}{5}$



(3) $\frac{5}{6}$



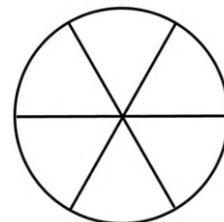
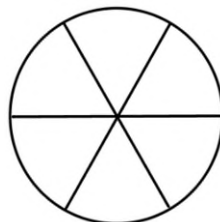
(4) $\frac{5}{3}$



(5) $\frac{8}{5}$



(6) $\frac{7}{6}$



分

數

帶分數的意義



什麼是 $1\frac{3}{4}$



筆記:



能量吐司 ③

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

(4) $1\frac{3}{5}$

(2) $1\frac{2}{3}$

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

(3) $2\frac{1}{3}$

(6) $3\frac{1}{2}$

分

數

帶分數化假分數



$$1\frac{3}{4} = \frac{(\quad)}{4}$$



筆記:



能量吐司 ④

$$(1) 1\frac{8}{7} = \frac{(\quad)}{(\quad)}$$

$$(2) 5\frac{2}{9} = \frac{(\quad)}{(\quad)}$$

$$(3) 6\frac{7}{10} = \frac{(\quad)}{(\quad)}$$

$$(4) 1\frac{4}{5} = \frac{(\quad)}{(\quad)}$$

$$(5) 4\frac{3}{7} = \frac{(\quad)}{(\quad)}$$

$$(6) 10\frac{2}{3} = \frac{(\quad)}{(\quad)}$$

分

數

整數與分數



$$3 = \frac{3}{1}$$



筆記:



能量吐司 (5)

$$(1) 5 = \frac{(\quad)}{(\quad)}$$

$$(2) 2 = \frac{(\quad)}{(\quad)}$$

$$(3) 6 = \frac{(\quad)}{(\quad)}$$

$$(4) 1 = \frac{(\quad)}{(\quad)}$$

$$(5) 4 = \frac{(\quad)}{(\quad)}$$

$$(6) 8 = \frac{(\quad)}{(\quad)}$$

分

數

擴分



$$\frac{2}{3} = \frac{(\quad)}{6} = \frac{8}{(\quad)}$$



筆記:



能量吐司 ⑥

$$(1) \frac{1}{5} = \frac{(\quad)}{10} = \frac{4}{(\quad)}$$

$$(2) \frac{3}{4} = \frac{(\quad)}{16} = \frac{15}{(\quad)}$$

$$(3) \frac{3}{7} = \frac{(\quad)}{14} = \frac{21}{(\quad)}$$

$$(4) \frac{4}{5} = \frac{(\quad)}{30} = \frac{40}{(\quad)}$$

$$(5) \frac{13}{8} = \frac{(\quad)}{40} = \frac{39}{(\quad)}$$

$$(6) \frac{7}{3} = \frac{(\quad)}{18} = \frac{35}{(\quad)}$$

分

數

約分



$$\frac{8}{12} = \frac{(\quad)}{6} = \frac{2}{(\quad)}$$



筆記:



能量吐司 ⑦

$$(1) \frac{25}{50} = \frac{(\quad)}{10} = \frac{1}{(\quad)}$$

$$(4) \frac{36}{60} = \frac{(\quad)}{30} = \frac{3}{(\quad)}$$

$$(2) \frac{60}{80} = \frac{(\quad)}{40} = \frac{3}{(\quad)}$$

$$(5) \frac{8}{32} = \frac{(\quad)}{16} = \frac{1}{(\quad)}$$

$$(3) \frac{42}{56} = \frac{(\quad)}{28} = \frac{3}{(\quad)}$$

$$(6) \frac{18}{72} = \frac{(\quad)}{36} = \frac{1}{(\quad)}$$

分

數

小數化分數1



$$0.2 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$



筆記:



能量吐司 8

$$(1) 0.6 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(2) 0.8 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(3) 0.9 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(4) 0.4 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(5) 0.7 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(6) 0.5 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

分

數

小數化分數 2



$$0.25 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$



筆記:



能量吐司 ⑨

$$(1) 0.12 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(2) 0.24 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(3) 0.35 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(4) 0.56 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(5) 0.85 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(6) 0.36 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

分

數

小數化分數 3



$$0.125 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$



筆記:



能量吐司 10

$$(1) 0.375 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(2) 0.512 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(3) 0.175 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(4) 0.225 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(5) 0.256 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$

$$(6) 0.675 = \frac{(\quad)}{(\quad)} = \frac{(\quad)}{(\quad)}$$



$$1.3 = \frac{(\quad)}{10} = 1 \frac{(\quad)}{(\quad)}$$



筆記:



能量吐司 ⑪

$$(1) 2.7 = \frac{(\quad)}{10} = (\quad) \frac{(\quad)}{(\quad)}$$

$$(4) 8.25 = \frac{(\quad)}{100} = (\quad) \frac{(\quad)}{(\quad)}$$

$$(2) 2.4 = \frac{(\quad)}{10} = (\quad) \frac{(\quad)}{(\quad)}$$

$$(5) 3.16 = \frac{(\quad)}{100} = (\quad) \frac{(\quad)}{(\quad)}$$

$$(3) 3.5 = \frac{(\quad)}{10} = (\quad) \frac{(\quad)}{(\quad)}$$

$$(6) 4.05 = \frac{(\quad)}{100} = (\quad) \frac{(\quad)}{(\quad)}$$

分

數

分數的加法1 (同分母)



$$\frac{2}{6} + \frac{3}{6} =$$



筆記:



能量吐司 ⑫

$$(1) \frac{1}{5} + \frac{3}{5} =$$

$$(2) \frac{3}{7} + \frac{2}{7} =$$

$$(3) \frac{2}{25} + \frac{6}{25} =$$

$$(4) \frac{11}{16} + \frac{2}{16} =$$

$$(5) \frac{2}{15} + \frac{11}{15} =$$

$$(6) \frac{23}{60} + \frac{36}{60} =$$

分

數

分數的加法2 (同分母，可約分)



$$\frac{2}{6} + \frac{1}{6} =$$



筆記:



能量吐司 ⑬

$$(1) \frac{3}{15} + \frac{2}{15} =$$

$$(4) \frac{9}{35} + \frac{11}{35} =$$

$$(2) \frac{3}{14} + \frac{4}{14} =$$

$$(5) \frac{5}{27} + \frac{13}{27} =$$

$$(3) \frac{5}{30} + \frac{3}{30} =$$

$$(6) \frac{23}{60} + \frac{13}{60} =$$

分

數

分數的加法3 (異分母・數字小)



$$\frac{1}{2} + \frac{1}{3} =$$



筆記:



能量吐司 ⑭

$$(1) \frac{1}{3} + \frac{1}{4} =$$

$$(2) \frac{1}{2} + \frac{1}{4} =$$

$$(3) \frac{1}{3} + \frac{1}{5} =$$

$$(4) \frac{1}{2} + \frac{1}{5} =$$

$$(5) \frac{1}{4} + \frac{1}{5} =$$

$$(6) \frac{1}{2} + \frac{1}{7} =$$

分

數

分數的加法4 (異分母、數字小)



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



筆記:



能量吐司 15

$$(1) \frac{1}{3} + \frac{3}{4} =$$

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

$$(3) \frac{5}{9} + \frac{3}{7} =$$

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

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

$$(6) \frac{4}{9} + \frac{4}{5} =$$

分

數

分數的加法5 (異分母、數字小)



$$\frac{1}{6} + \frac{1}{4} =$$



筆記:



能量吐司 16

$$(1) \frac{1}{8} + \frac{1}{6} =$$

$$(2) \frac{1}{6} + \frac{1}{9} =$$

$$(3) \frac{1}{12} + \frac{1}{8} =$$

$$(4) \frac{1}{15} + \frac{1}{9} =$$

$$(5) \frac{1}{12} + \frac{1}{15} =$$

$$(6) \frac{1}{18} + \frac{1}{12} =$$

分

數

分數的加法6 (異分母、數字小)



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



筆記:



能量吐司 ⑰

$$(1) \frac{1}{8} + \frac{5}{6} =$$

$$(4) \frac{1}{6} + \frac{2}{4} =$$

$$(2) \frac{1}{6} + \frac{4}{9} =$$

$$(5) \frac{2}{5} + \frac{3}{7} =$$

$$(3) \frac{3}{4} + \frac{3}{8} =$$

$$(6) \frac{5}{8} + \frac{4}{3} =$$

分

數

簡單的最小公倍數



求12和18的最小公倍數



筆記:



能量吐司 (18)

(1) 18 和 24 的最小公倍數=_____

(4) 15 和 20 的最小公倍數=_____

(2) 15 和 18 的最小公倍數=_____

(5) 14 和 21 的最小公倍數=_____

(3) 16 和 12 的最小公倍數=_____

(6) 25 和 20 的最小公倍數=_____

分

數

分數的加法7 (異分母, 數字大)



$$\frac{7}{12} + \frac{5}{18} =$$



筆記:



能量吐司 19

$$(1) \frac{7}{12} + \frac{3}{8} =$$

$$(2) \frac{11}{15} + \frac{5}{9} =$$

$$(3) \frac{5}{12} + \frac{4}{15} =$$

$$(4) \frac{5}{18} + \frac{1}{12} =$$

$$(5) \frac{7}{20} + \frac{5}{8} =$$

$$(6) \frac{13}{15} + \frac{3}{20} =$$

分

數

分數的加法8 (異分母, 帶分數)



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



筆記:



能量吐司 (20)

$$(1) 3\frac{7}{16} + 5\frac{1}{8} =$$

$$(4) 5\frac{1}{13} + \frac{1}{5} =$$

$$(2) 1\frac{1}{12} + 2\frac{3}{8} =$$

$$(5) 8\frac{1}{5} + \frac{3}{10} =$$

$$(3) 4\frac{5}{9} + 3\frac{1}{6} =$$

$$(6) \frac{5}{12} + 3\frac{1}{16} =$$

分

數

分數的減法1 (同分母, 數字小)



$$\frac{5}{6} - \frac{4}{6} =$$



筆記:



能量吐司 (21)

$$(1) \frac{7}{8} - \frac{6}{8} =$$

$$(4) \frac{6}{7} - \frac{1}{7} =$$

$$(2) \frac{9}{10} - \frac{2}{10} =$$

$$(5) \frac{5}{5} - \frac{2}{5} =$$

$$(3) \frac{8}{9} - \frac{4}{9} =$$

$$(5) \frac{4}{6} - \frac{3}{6} =$$

分

數

分數的減法2 (同分母, 數字小)



$$\frac{5}{6} - \frac{1}{6} =$$



筆記:



能量吐司 22

$$(1) \frac{7}{8} - \frac{1}{8} =$$

$$(4) \frac{3}{4} - \frac{1}{4} =$$

$$(2) \frac{9}{10} - \frac{4}{10} =$$

$$(5) \frac{8}{9} - \frac{2}{9} =$$

$$(3) \frac{8}{9} - \frac{5}{9} =$$

$$(6) \frac{5}{6} - \frac{3}{6} =$$

分

數

分數的減法3 (異分母, 數字小)



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



筆記:



能量吐司 (23)

$$(1) \frac{7}{8} - \frac{1}{6} =$$

$$(2) \frac{8}{9} - \frac{2}{6} =$$

$$(3) \frac{3}{4} - \frac{1}{6} =$$

$$(4) \frac{5}{6} - \frac{3}{8} =$$

$$(5) \frac{4}{5} - \frac{2}{9} =$$

$$(5) \frac{4}{7} - \frac{2}{5} =$$

分

數

分數的減法4 (異分母, 數字大)



$$\frac{5}{6} - \frac{1}{12} =$$



筆記:



能量吐司 (24)

$$(1) \frac{7}{12} - \frac{1}{8} =$$

$$(4) \frac{9}{16} - \frac{3}{8} =$$

$$(2) \frac{7}{12} - \frac{2}{15} =$$

$$(5) \frac{14}{25} - \frac{7}{20} =$$

$$(3) \frac{13}{15} - \frac{7}{20} =$$

$$(6) \frac{7}{18} - \frac{2}{15} =$$

分

數

分數的減法5 (整數減分數)



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



筆記:



能量吐司 (25)

$$(1) 4 - \frac{1}{2} =$$

$$(2) 3 - \frac{1}{4} =$$

$$(3) 1 - \frac{1}{5} =$$

$$(4) 3 - \frac{3}{7} =$$

$$(5) 2 - \frac{4}{5} =$$

$$(6) 1 - \frac{1}{13} =$$



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



筆記:



能量吐司 26

$$(1) 4\frac{1}{6} - 3\frac{1}{8} =$$

$$(2) 5\frac{5}{8} - 2\frac{5}{12} =$$

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

$$(4) 4\frac{5}{9} - 2\frac{5}{12} =$$

$$(5) 8\frac{13}{15} - 3\frac{7}{12} =$$

$$(6) 9\frac{11}{20} - 2\frac{3}{25} =$$

分

數

分數的乘法1 (不約分)



$$\frac{4}{5} \times \frac{1}{3} =$$



筆記:



能量吐司 (27)

$$(1) \frac{5}{7} \times \frac{3}{2} =$$

$$(4) \frac{3}{7} \times \frac{2}{11} =$$

$$(2) \frac{3}{5} \times \frac{1}{8} =$$

$$(5) \frac{5}{16} \times \frac{11}{3} =$$

$$(3) \frac{9}{10} \times \frac{1}{5} =$$

$$(6) \frac{17}{12} \times \frac{7}{6} =$$

分

數

分數的乘法2 (可約分)



$$\frac{4}{5} \times \frac{1}{8} =$$



筆記:



能量吐司 (28)

$$(1) \frac{3}{7} \times \frac{3}{25} =$$

$$(2) \frac{3}{5} \times \frac{1}{18} =$$

$$(3) \frac{15}{8} \times \frac{1}{5} =$$

$$(4) \frac{3}{16} \times \frac{2}{11} =$$

$$(5) \frac{5}{12} \times \frac{4}{3} =$$

$$(6) \frac{28}{12} \times \frac{6}{7} =$$

分

數

分數的乘法3 (多個分數)



$$\frac{4}{5} \times \frac{10}{18} \times \frac{3}{8} =$$



筆記:



能量吐司 (29)

$$(1) \frac{5}{27} \times \frac{3}{25} \times \frac{1}{2} =$$

$$(2) \frac{32}{5} \times \frac{20}{12} \times \frac{1}{8} =$$

$$(3) \frac{15}{2} \times \frac{5}{8} \times \frac{1}{25} =$$

$$(4) \frac{5}{16} \times \frac{35}{10} \times \frac{4}{25} =$$

$$(5) \frac{5}{12} \times \frac{24}{5} \times \frac{1}{9} =$$

$$(6) \frac{28}{12} \times \frac{14}{15} \times \frac{6}{49} =$$

分

數

分數的乘法4 (分數乘以整數，不約分)



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



筆記:



能量吐司 30

$$(1) \frac{2}{7} \times 5 =$$

$$(4) \frac{1}{7} \times 6 =$$

$$(2) \frac{5}{9} \times 4 =$$

$$(5) \frac{7}{13} \times 10 =$$

$$(3) \frac{4}{11} \times 3 =$$

$$(6) \frac{5}{8} \times 7 =$$

分

數

分數的乘法5 (分數乘以整數，可約分)



$$\frac{4}{5} \times 10 =$$



筆記:



能量吐司 ③①

$$(1) \frac{5}{6} \times 3 =$$

$$(2) \frac{7}{10} \times 15 =$$

$$(3) \frac{7}{12} \times 8 =$$

$$(4) \frac{9}{25} \times 5 =$$

$$(5) \frac{5}{14} \times 28 =$$

$$(6) \frac{25}{96} \times 32 =$$

分

數

分數的乘法6 (分數成以帶整數)



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



筆記:



能量吐司 (32)

$$(1) \frac{7}{15} \times 2\frac{2}{9} =$$

$$(2) 2\frac{5}{8} \times \frac{1}{7} =$$

$$(3) 5\frac{1}{3} \times 4\frac{1}{8} =$$

$$(4) 1\frac{4}{5} \times 1\frac{5}{6} =$$

$$(5) 5\frac{2}{5} \times \frac{2}{9} =$$

$$(6) \frac{9}{5} \times 10\frac{5}{6} =$$

分

數

分數的乘法7 (含有整數或帶分數的連乘)



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



筆記:



能量吐司 (33)

$$(1) \frac{5}{12} \times 1\frac{2}{25} \times \frac{1}{9} =$$

$$(4) \frac{5}{16} \times \frac{35}{10} \times \frac{4}{25} =$$

$$(2) 3\frac{3}{5} \times \frac{7}{12} \times \frac{1}{6} =$$

$$(5) \frac{5}{12} \times 2\frac{1}{13} \times \frac{1}{9} =$$

$$(3) 12 \times 2\frac{5}{8} \times \frac{12}{28} =$$

$$(6) \frac{28}{12} \times \frac{14}{15} \times 5 =$$

分

數

分數的除法1 (分數除以整數)



$$\frac{2}{3} \div 2 =$$



筆記:



能量吐司 (34)

$$(1) \frac{6}{7} \div 3 =$$

$$(4) \frac{9}{16} \div 3 =$$

$$(2) \frac{4}{11} \div 8 =$$

$$(5) \frac{29}{30} \div 29 =$$

$$(3) \frac{7}{15} \div 21 =$$

$$(6) \frac{11}{32} \div 22 =$$

分

數

分數的除法2 (分數除以整數)



$$\frac{1}{3} \div 2 =$$



筆記:



能量吐司 (35)

$$(1) \frac{1}{5} \div 2 =$$

$$(4) \frac{1}{7} \div 10 =$$

$$(2) \frac{1}{9} \div 6 =$$

$$(5) \frac{1}{8} \div 4 =$$

$$(3) \frac{1}{10} \div 5 =$$

$$(6) \frac{1}{6} \div 5 =$$

分

數

分數的除法3 (整數除以分數，可約分)



$$2 \div \frac{2}{3} =$$



筆記:



能量吐司 (36)

$$(1) 3 \div \frac{3}{4} =$$

$$(2) 5 \div \frac{5}{7} =$$

$$(3) 1 \div \frac{3}{5} =$$

$$(4) 3 \div \frac{6}{7} =$$

$$(5) 5 \div \frac{10}{13} =$$

$$(6) 4 \div \frac{8}{9} =$$

分

數

分數的除法4 (整數除以分數，不可約分)



$$2 \div \frac{1}{3} =$$



筆記:



能量吐司 (37)

$$(1) 3 \div \frac{1}{5} =$$

$$(4) 3 \div \frac{2}{5} =$$

$$(2) 4 \div \frac{1}{7} =$$

$$(5) 4 \div \frac{3}{7} =$$

$$(3) 5 \div \frac{1}{6} =$$

$$(6) 5 \div \frac{7}{8} =$$

分

數

分數的除法5 (倒數的意義)



倒數是什麼意思?

$$\frac{2}{3} \times (\quad) = 1$$



筆記:



能量吐司 (38)

$$(1) \frac{6}{7} \times (\quad) = 1$$

$$(4) \frac{5}{18} \times (\quad) = 1$$

$$(2) \frac{3}{4} \times (\quad) = 1$$

$$(5) \frac{12}{13} \times (\quad) = 1$$

$$(3) \frac{6}{11} \times (\quad) = 1$$

$$(6) \frac{17}{7} \times (\quad) = 1$$

分

數

分數的除法6 (分數除以分數, 不約分)



$$\frac{2}{3} \div \frac{3}{4} =$$



筆記:



能量吐司 (39)

$$(1) \frac{5}{8} \div \frac{3}{5} =$$

$$(4) \frac{4}{5} \div \frac{11}{14} =$$

$$(2) \frac{3}{7} \div \frac{1}{2} =$$

$$(5) \frac{7}{25} \div \frac{2}{9} =$$

$$(3) \frac{9}{32} \div \frac{1}{3} =$$

$$(6) \frac{21}{19} \div \frac{2}{3} =$$

分

數

分數的除法7 (分數除以分數, 可約分)



$$\frac{2}{3} \div \frac{8}{9} =$$



筆記:



能量吐司 (40)

$$(1) \frac{1}{12} \div \frac{2}{27} =$$

$$(4) \frac{1}{3} \div \frac{5}{9} =$$

$$(2) \frac{8}{15} \div \frac{4}{9} =$$

$$(5) \frac{25}{18} \div \frac{5}{9} =$$

$$(3) \frac{11}{12} \div \frac{22}{9} =$$

$$(6) \frac{2}{21} \div \frac{1}{14} =$$

分

數

分數的除法8 (含有帶分數的除法)



$$1\frac{2}{3} \div \frac{8}{9} =$$



筆記:



能量吐司 (41)

$$(1) \frac{11}{12} \div 1\frac{5}{6} =$$

$$(4) \frac{4}{25} \div 1\frac{1}{15} =$$

$$(2) 1\frac{7}{15} \div 1\frac{2}{9} =$$

$$(5) 3\frac{1}{3} \div \frac{5}{9} =$$

$$(3) \frac{11}{12} \div 2\frac{4}{9} =$$

$$(6) 1\frac{7}{18} \div \frac{5}{9} =$$

分

數

分數的除法9 (3個分數連除)



$$\frac{2}{3} \div \frac{5}{9} \div \frac{8}{15} =$$



筆記:



能量吐司 (42)

$$(1) \frac{5}{12} \div \frac{5}{6} \div \frac{3}{4} =$$

$$(2) \frac{7}{18} \div \frac{5}{12} \div \frac{7}{12} =$$

$$(3) \frac{3}{2} \div 6 \div \frac{5}{9} =$$

$$(4) \frac{27}{16} \div \frac{9}{8} \div \frac{9}{4} =$$

$$(5) \frac{1}{4} \div \frac{2}{3} \div \frac{9}{16} =$$

$$(6) \frac{2}{5} \div \frac{7}{10} \div \frac{14}{15} =$$



$$\frac{2}{3} \times \frac{5}{9} \div \frac{8}{15} =$$



筆記:



能量吐司 (43)

$$(1) \frac{5}{6} \times 6 \div \frac{9}{5} =$$

$$(2) 6\frac{2}{3} \times \frac{6}{5} \div 3 =$$

$$(3) 5\frac{1}{3} \times \frac{5}{8} \div \frac{5}{7} =$$

$$(4) \frac{4}{3} \div \frac{1}{6} \times \frac{8}{27} =$$

$$(5) \frac{4}{5} \times 2 \div \frac{16}{25} =$$

$$(6) \frac{21}{32} \times 8 \div 6 =$$

分

數

負分數負號的位置



$$-\frac{2}{3} = \frac{-2}{3} = \frac{2}{-3}$$



筆記:



能量吐司 44

$$(1) -\frac{3}{4} = \frac{3}{(\quad)} = \frac{(\quad)}{4}$$

$$(2) -\frac{2}{5} = \frac{2}{(\quad)} = \frac{(\quad)}{5}$$

$$(3) -\frac{5}{6} = \frac{5}{(\quad)} = \frac{(\quad)}{6}$$

$$(4) -\frac{1}{5} = \frac{(\quad)}{-5} = \frac{-1}{(\quad)}$$

$$(5) -\frac{3}{7} = \frac{(\quad)}{-7} = \frac{-3}{(\quad)}$$

$$(6) -\frac{5}{8} = \frac{(\quad)}{-8} = \frac{-5}{(\quad)}$$



筆記:

 $-1\frac{2}{3}$ 的意思?

能量吐司 45

1. 對的打「○」 錯的打「×」

(1) ☐ $-1\frac{3}{4}$ = 欠 1 又欠 $\frac{3}{4}$

(2) ☐ $-1\frac{3}{4}$ = $-1 - \frac{3}{4}$

(3) ☐ $-1\frac{3}{4}$ = $-(1 + \frac{3}{4})$

(4) ☐ $-1\frac{3}{4}$ = $-1 + \frac{3}{4}$

2. 根據題意在空格中填入「大」或「小」

(1) $-1\frac{3}{4}$ 比 -2 _____。

(2) $-1\frac{3}{4}$ 比 -1 _____。

(3) $-1\frac{3}{4}$ 比 0 _____。

(4) $-1\frac{3}{4}$ 比 -100 _____。

分

數

負分數的加法1



$$\frac{2}{6} + \left(-\frac{3}{6}\right) = ?$$



筆記:



能量吐司 (46)

$$(1) \frac{1}{5} + \left(-\frac{2}{5}\right) =$$

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

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

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

$$(3) \frac{2}{9} + \left(-\frac{7}{9}\right) =$$

$$(6) \frac{7}{9} + \left(-\frac{5}{9}\right) =$$

分

數

負分數的加法2



$$\left(-\frac{1}{6}\right) + \frac{5}{6} = ?$$



筆記:



能量吐司 (47)

$$(1) \left(-\frac{1}{4}\right) + \frac{3}{4} =$$

$$(4) \left(-\frac{1}{3}\right) + \frac{4}{3} =$$

$$(2) \left(-\frac{3}{8}\right) + \frac{5}{8} =$$

$$(5) \left(-\frac{1}{4}\right) + \frac{5}{4} =$$

$$(3) \left(-\frac{2}{9}\right) + \frac{5}{9} =$$

$$(6) \left(-\frac{3}{8}\right) + \frac{11}{8} =$$

分

數

負分數的加法3



筆記:



$$\left(-\frac{1}{2}\right) + \left(-\frac{1}{3}\right) = ?$$



能量吐司 (48)

$$(1) \left(-\frac{1}{2}\right) + \left(-\frac{1}{5}\right) =$$

$$(4) \left(-\frac{1}{2}\right) + \left(-\frac{1}{7}\right) =$$

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

$$(5) \left(-\frac{1}{5}\right) + \left(-\frac{1}{6}\right) =$$

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

$$(6) \left(-\frac{1}{6}\right) + \left(-\frac{1}{7}\right) =$$

分

數

負分數的減法1



$$\frac{1}{5} - \frac{1}{3} = ?$$



筆記:



能量吐司 (49)

$$(1) \frac{1}{3} - \frac{1}{2} =$$

$$(4) \frac{1}{7} - \frac{1}{2} =$$

$$(2) \frac{1}{4} - \frac{1}{3} =$$

$$(5) \frac{1}{8} - \frac{1}{3} =$$

$$(3) \frac{1}{5} - \frac{1}{2} =$$

$$(6) \frac{1}{9} - \frac{1}{5} =$$

分

數

負分數的減法2



$$\left(-\frac{1}{6}\right) - \frac{1}{4} = ?$$



筆記:



能量吐司 (50)

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

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

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

$$(5) \left(-\frac{1}{3}\right) - \frac{1}{6} =$$

$$(3) \left(-\frac{1}{8}\right) - \frac{1}{6} =$$

$$(6) \left(-\frac{1}{4}\right) - \frac{1}{6} =$$

分

數

負分數的減法3



筆記:



$$\frac{3}{4} - \left(-\frac{5}{6}\right) = ?$$



能量吐司 (51)

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

$$(4) \frac{5}{6} - \left(-\frac{1}{9}\right) =$$

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

$$(5) \frac{5}{6} - \left(-\frac{3}{8}\right) =$$

$$(3) \frac{1}{3} - \left(-\frac{1}{6}\right) =$$

$$(6) \frac{3}{4} - \left(-\frac{7}{10}\right) =$$

分

數

負分數的減法4



$$\left(-\frac{1}{6}\right) - \left(-\frac{3}{8}\right) = ?$$



筆記:



能量吐司 (52)

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

$$(4) \left(-\frac{5}{6}\right) - \left(-\frac{1}{9}\right) =$$

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

$$(5) \left(-\frac{3}{4}\right) - \left(-\frac{5}{12}\right) =$$

$$(3) \left(-\frac{1}{3}\right) - \left(-\frac{1}{6}\right) =$$

$$(6) \left(-\frac{5}{6}\right) - \left(-\frac{3}{10}\right) =$$

分

數

負分數的乘法1



筆記:



$$\left(-\frac{4}{3}\right) \times \frac{3}{7} = ?$$



能量吐司 (53)

$$(1) \left(-\frac{3}{4}\right) \times \frac{4}{7} =$$

$$(4) \left(-\frac{3}{4}\right) \times \frac{2}{7} =$$

$$(2) \left(-\frac{5}{6}\right) \times \frac{6}{11} =$$

$$(5) \left(-\frac{3}{4}\right) \times \frac{8}{7} =$$

$$(3) \left(-\frac{4}{5}\right) \times \frac{5}{9} =$$

$$(6) \left(-\frac{3}{4}\right) \times \frac{2}{9} =$$



筆記:



$$\frac{4}{5} \times \left(-\frac{1}{8}\right) = ?$$



能量吐司 54

$$(1) \frac{4}{7} \times \left(-\frac{3}{8}\right) =$$

$$(4) \frac{4}{7} \times \left(-\frac{7}{8}\right) =$$

$$(2) \frac{5}{6} \times \left(-\frac{7}{10}\right) =$$

$$(5) \frac{5}{6} \times \left(-\frac{3}{10}\right) =$$

$$(3) \frac{3}{5} \times \left(-\frac{1}{6}\right) =$$

$$(6) \frac{3}{5} \times \left(-\frac{5}{6}\right) =$$



$$\left(-\frac{4}{9}\right) \times \left(-\frac{1}{3}\right) = ?$$



筆記:



能量吐司 (55)

$$(1) \left(-\frac{2}{5}\right) \times \left(-\frac{1}{7}\right) =$$

$$(4) \left(-\frac{4}{9}\right) \times \left(-\frac{3}{5}\right) =$$

$$(2) \left(-\frac{3}{4}\right) \times \left(-\frac{5}{7}\right) =$$

$$(5) \left(-\frac{5}{6}\right) \times \left(-\frac{9}{5}\right) =$$

$$(3) \left(-\frac{5}{6}\right) \times \left(-\frac{7}{9}\right) =$$

$$(6) \left(-\frac{3}{4}\right) \times \left(-\frac{8}{9}\right) =$$

分

數

負分數的倒數1

 $-\frac{2}{3}$ 的倒數=?

筆記:



能量吐司 (56)

(1) $-\frac{3}{4}$ 的倒數=(4) $-\frac{4}{3}$ 的倒數=(2) $-\frac{2}{5}$ 的倒數=(5) $-\frac{5}{2}$ 的倒數=(3) $-\frac{5}{6}$ 的倒數=(6) $-\frac{1}{6}$ 的倒數=

分

數

負分數的倒數2



$-1\frac{2}{3}$ 的倒數 = ?



筆記:



能量吐司 (57)

(1) $-1\frac{3}{4}$ 的倒數 =

(4) $-1\frac{1}{3}$ 的倒數 =

(2) $-2\frac{1}{5}$ 的倒數 =

(5) $-2\frac{2}{7}$ 的倒數 =

(3) $-3\frac{5}{6}$ 的倒數 =

(6) $-3\frac{5}{8}$ 的倒數 =

分

數

負分數的倒數3



-2 的倒數=?



筆記:



能量吐司 (58)

(1) -3 的倒數=

(4) -8 的倒數=

(2) -4 的倒數=

(5) -7 的倒數=

(3) -5 的倒數=

(6) -1 的倒數=

分

數

負分數的除法1



$$\left(-\frac{4}{5}\right) \div \frac{1}{15} = ?$$



筆記:



能量吐司 (59)

$$(1) \left(-\frac{2}{3}\right) \div \frac{1}{6} =$$

$$(4) \left(-\frac{2}{3}\right) \div \frac{4}{9} =$$

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

$$(5) \left(-\frac{1}{4}\right) \div \frac{5}{6} =$$

$$(3) \left(-\frac{5}{6}\right) \div \frac{1}{18} =$$

$$(6) \left(-\frac{5}{6}\right) \div \frac{10}{21} =$$

分

數

負分數的除法2



$$\frac{5}{6} \div \left(-\frac{1}{8}\right) = ?$$



筆記:



能量吐司 (60)

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

$$(4) \frac{2}{3} \div \left(-\frac{4}{9}\right) =$$

$$(2) \frac{3}{4} \div \left(-\frac{1}{12}\right) =$$

$$(5) \frac{1}{4} \div \left(-\frac{5}{18}\right) =$$

$$(3) \frac{5}{6} \div \left(-\frac{1}{24}\right) =$$

$$(6) \frac{5}{6} \div \left(-\frac{15}{4}\right) =$$

分

數

負分數的除法3



$$\left(-\frac{3}{4}\right) \div \left(-\frac{3}{5}\right) = ?$$



筆記:



能量吐司 ⑥1

$$(1) \left(-\frac{1}{4}\right) \div \left(-\frac{1}{3}\right) =$$

$$(4) \left(-\frac{3}{4}\right) \div \left(-\frac{3}{10}\right) =$$

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

$$(5) \left(-\frac{2}{5}\right) \div \left(-\frac{2}{15}\right) =$$

$$(3) \left(-\frac{5}{6}\right) \div \left(-\frac{5}{7}\right) =$$

$$(6) \left(-\frac{5}{6}\right) \div \left(-\frac{25}{18}\right) =$$

分

數

負分數的除法4



筆記:



$$\left(-\frac{2}{3}\right) \div 2 = ?$$



能量吐司 62

$$(1) \left(-\frac{3}{4}\right) \div 3 =$$

$$(4) \left(-\frac{3}{4}\right) \div 6 =$$

$$(2) \left(-\frac{4}{5}\right) \div 4 =$$

$$(5) \left(-\frac{4}{5}\right) \div 2 =$$

$$(3) \left(-\frac{5}{6}\right) \div 5 =$$

$$(6) \left(-\frac{5}{6}\right) \div 10 =$$

分

數

負分數的除法5



$$\frac{2}{3} \div (-2) = ?$$



筆記:



能量吐司 ⑥3

$$(1) \frac{3}{4} \div (-3) =$$

$$(4) \frac{3}{4} \div (-6) =$$

$$(2) \frac{4}{5} \div (-4) =$$

$$(5) \frac{4}{5} \div (-8) =$$

$$(3) \frac{5}{6} \div (-5) =$$

$$(6) \frac{6}{7} \div (-10) =$$

分

數

負分數的除法6



$$\left(-\frac{2}{3}\right) \div (-2) = ?$$



筆記:



能量吐司 (64)

$$(1) \left(-\frac{3}{4}\right) \div (-3) =$$

$$(4) \left(-\frac{3}{4}\right) \div (-9) =$$

$$(2) \left(-\frac{4}{5}\right) \div (-4) =$$

$$(5) \left(-\frac{4}{5}\right) \div (-12) =$$

$$(3) \left(-\frac{5}{6}\right) \div (-5) =$$

$$(6) \left(-\frac{4}{7}\right) \div (-10) =$$

分

數

負分數的除法7



筆記:



$$2 \div \left(-\frac{2}{3}\right) = ?$$



能量吐司 65

$$(1) 3 \div \left(-\frac{3}{4}\right) =$$

$$(4) 6 \div \left(-\frac{3}{4}\right) =$$

$$(2) 4 \div \left(-\frac{4}{5}\right) =$$

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

$$(3) 5 \div \left(-\frac{5}{6}\right) =$$

$$(6) 10 \div \left(-\frac{4}{5}\right) =$$

分

數

負分數的除法8



$$(-2) \div \frac{2}{3} = ?$$



筆記:



能量吐司 66

$$(1) (-3) \div \frac{3}{4} =$$

$$(4) (-6) \div \frac{4}{3} =$$

$$(2) (-4) \div \frac{4}{5} =$$

$$(5) (-7) \div \frac{14}{9} =$$

$$(3) (-5) \div \frac{5}{6} =$$

$$(6) (-8) \div \frac{7}{10} =$$

分

數

負分數的除法9



$$(-2) \div \left(-\frac{2}{3}\right) = ?$$



筆記:



能量吐司 (67)

$$(1) (-3) \div \left(-\frac{3}{4}\right) =$$

$$(4) (-6) \div \left(-\frac{4}{5}\right) =$$

$$(2) (-4) \div \left(-\frac{4}{5}\right) =$$

$$(5) (-8) \div \left(-\frac{12}{13}\right) =$$

$$(3) (-5) \div \left(-\frac{5}{6}\right) =$$

$$(6) (-20) \div \left(-\frac{8}{15}\right) =$$

分

數

分數的連乘和連除1



$$\frac{5}{6} \times \left(-\frac{1}{8}\right) \times \frac{3}{5} = ?$$



筆記:



能量吐司 68

$$(1) \frac{5}{6} \times \left(-\frac{3}{5}\right) \times \frac{1}{8} =$$

$$(4) \left(-\frac{5}{6}\right) \times \left(-\frac{1}{8}\right) \times \frac{3}{5} =$$

$$(2) \left(-\frac{5}{6}\right) \times \frac{9}{10} \times \frac{5}{12} =$$

$$(5) \left(-\frac{5}{6}\right) \times \left(-\frac{5}{12}\right) \times \left(-\frac{9}{10}\right) =$$

$$(3) \frac{3}{4} \times \frac{5}{6} \times \left(-\frac{8}{15}\right) =$$

$$(6) \left(-\frac{9}{10}\right) \times \left(-\frac{5}{6}\right) \times \left(-\frac{8}{15}\right) =$$

分

數

分數的連乘和連除2



筆記:



$$\frac{5}{6} \times \left(-\frac{1}{8}\right) \div \frac{3}{5} = ?$$



能量吐司 (69)

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

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

$$(2) \left(-\frac{5}{6}\right) \times \frac{9}{10} \div \frac{5}{12} =$$

$$(5) \left(-\frac{5}{6}\right) \times \left(-\frac{5}{12}\right) \div \left(-\frac{9}{10}\right) =$$

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

$$(6) \left(-\frac{9}{10}\right) \times \left(-\frac{5}{6}\right) \div \left(-\frac{8}{15}\right) =$$

分

數

分數的連乘和連除3



筆記:



$$\left(-\frac{5}{6}\right) \div \left(-\frac{1}{8}\right) \times \frac{3}{5} = ?$$



能量吐司 (70)

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

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

$$(2) \left(-\frac{5}{6}\right) \div \frac{9}{10} \times \frac{5}{12} =$$

$$(5) \left(-\frac{5}{6}\right) \div \left(-\frac{5}{12}\right) \times \left(-\frac{9}{10}\right) =$$

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

$$(6) \left(-\frac{9}{10}\right) \div \left(-\frac{5}{6}\right) \times \left(-\frac{8}{15}\right) =$$

分

數

分數的連乘和連除4



$$\left(-\frac{5}{6}\right) \div \left(-\frac{1}{8}\right) \div \left(-\frac{3}{5}\right) = ?$$



筆記:



能量吐司 (71)

$$(1) \frac{5}{6} \div \left(-\frac{3}{5}\right) \div \frac{1}{8} =$$

$$(4) \left(-\frac{5}{6}\right) \div \left(-\frac{1}{8}\right) \div \frac{3}{5} =$$

$$(2) \left(-\frac{5}{6}\right) \div \frac{9}{10} \div \frac{5}{12} =$$

$$(5) \left(-\frac{5}{6}\right) \div \left(-\frac{5}{12}\right) \div \left(-\frac{9}{10}\right) =$$

$$(3) \frac{3}{4} \div \frac{5}{6} \div \left(-\frac{8}{15}\right) =$$

$$(6) \left(-\frac{9}{10}\right) \div \left(-\frac{5}{6}\right) \div \left(-\frac{8}{15}\right) =$$



解 答 篇

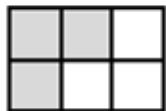


能量吐司 1

(1)



(2)



(3)



(4)



(5)



(6)



能量吐司 2

(1)



(2)



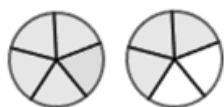
(3)



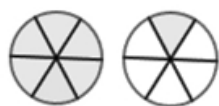
(4)



(5)



(6)



能量吐司 3

(1) $2 + \frac{3}{5}$

(2) $1 + \frac{2}{3}$

(3) $2 + \frac{1}{3}$

(4) $1 + \frac{3}{5}$

(5) $2 + \frac{1}{4}$

(6) $3 + \frac{1}{2}$

能量吐司 4

(1) $\frac{15}{7}$

(2) $\frac{47}{9}$

(3) $\frac{67}{10}$

(4) $\frac{9}{5}$

(5) $\frac{31}{7}$

(6) $\frac{32}{10}$

能量吐司 5

(1) $\frac{5}{1}$

(2) $\frac{2}{1}$

(3) $\frac{6}{1}$

(4) $\frac{1}{1}$

(5) $\frac{4}{1}$

(6) $\frac{8}{1}$

能量吐司 6

(1) 2, 20

(2) 12, 20

(3) 6, 49

(4) 24, 50

(5) 65, 24

(6) 42, 15

能量吐司 7

(1) 5, 2

(2) 30, 4

(3) 21, 4

(4) 18, 5

(5) 4, 4

(6) 9, 4

能量吐司 8

(1) $\frac{6}{10} = \frac{3}{5}$

(2) $\frac{8}{10} = \frac{4}{5}$

(3) $\frac{9}{10} = \frac{\times}{\times}$

(4) $\frac{4}{10} = \frac{2}{5}$

(5) $\frac{7}{10} = \frac{\times}{\times}$

(6) $\frac{5}{10} = \frac{1}{2}$

能量吐司 9

(1) $\frac{12}{100} = \frac{3}{25}$

(2) $\frac{24}{100} = \frac{6}{25}$

(3) $\frac{35}{100} = \frac{7}{20}$

(4) $\frac{56}{100} = \frac{14}{25}$

(5) $\frac{85}{100} = \frac{17}{20}$

(6) $\frac{36}{100} = \frac{9}{25}$

能量吐司 10

(1) $\frac{375}{1000} = \frac{3}{8}$

(2) $\frac{512}{1000} = \frac{64}{125}$

(3) $\frac{175}{1000} = \frac{7}{40}$

(4) $\frac{225}{1000} = \frac{9}{40}$

(5) $\frac{256}{1000} = \frac{32}{125}$

(6) $\frac{675}{1000} = \frac{27}{40}$



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能量吐司 11

(1) $\frac{27}{10} = 2\frac{7}{10}$

(2) $\frac{24}{10} = 2\frac{2}{5}$

(3) $\frac{35}{10} = 3\frac{1}{2}$

(4) $\frac{825}{100} = 8\frac{1}{4}$

(5) $\frac{316}{100} = 3\frac{4}{25}$

(6) $\frac{405}{100} = 4\frac{1}{20}$

能量吐司 12

(1) $\frac{4}{5}$

(2) $\frac{5}{7}$

(3) $\frac{8}{25}$

(4) $\frac{13}{16}$

(5) $\frac{13}{15}$

(6) $\frac{59}{60}$

能量吐司 13

(1) $\frac{1}{3}$

(2) $\frac{1}{2}$

(3) $\frac{4}{15}$

(4) $\frac{4}{7}$

(5) $\frac{2}{3}$

(6) $\frac{3}{5}$

能量吐司 14

(1) $\frac{7}{12}$

(2) $\frac{3}{4}$

(3) $\frac{8}{15}$

(4) $\frac{7}{10}$

(5) $\frac{9}{20}$

(6) $\frac{9}{14}$

能量吐司 15

(1) $\frac{13}{12}$

(2) $\frac{31}{30}$

(3) $\frac{62}{63}$

(4) $\frac{11}{15}$

(5) $\frac{15}{28}$

(6) $\frac{56}{45}$

能量吐司 16

(1) $\frac{7}{24}$

(2) $\frac{5}{18}$

(3) $\frac{5}{24}$

(4) $\frac{8}{45}$

(5) $\frac{3}{20}$

(6) $\frac{5}{36}$

能量吐司 17

(1) $\frac{23}{24}$

(2) $\frac{11}{18}$

(3) $\frac{9}{8}$

(4) $\frac{2}{3}$

(5) $\frac{29}{35}$

(6) $\frac{47}{24}$

能量吐司 18

(1) 72

(2) 90

(3) 48

(4) 60

(5) 42

(6) 100

能量吐司 19

(1) $\frac{23}{24}$

(2) $\frac{58}{45}$

(3) $\frac{41}{60}$

(4) $\frac{13}{36}$

(5) $\frac{39}{40}$

(6) $\frac{61}{60}$

能量吐司 20

(1) $9\frac{1}{16}$

(2) $3\frac{11}{24}$

(3) $7\frac{13}{18}$

(4) $5\frac{18}{65}$

(5) $8\frac{1}{2}$

(6) $3\frac{23}{48}$

能量吐司 21

(1) $\frac{1}{8}$

(2) $\frac{7}{10}$

(3) $\frac{4}{9}$

(4) $\frac{5}{7}$

(5) $\frac{3}{5}$

(6) $\frac{1}{6}$

能量吐司 22

(1) $\frac{3}{4}$

(2) $\frac{1}{2}$

(3) $\frac{1}{3}$

(4) $\frac{1}{2}$



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(5) $\frac{2}{3}$

(6) $\frac{1}{3}$

能量吐司 23

(1) $\frac{17}{24}$

(2) $\frac{5}{9}$

(3) $\frac{7}{12}$

(4) $\frac{11}{24}$

(5) $\frac{26}{45}$

(6) $\frac{6}{35}$

能量吐司 24

(1) $\frac{11}{24}$

(2) $\frac{9}{20}$

(3) $\frac{31}{60}$

(4) $\frac{3}{16}$

(5) $\frac{21}{100}$

(6) $\frac{23}{90}$

能量吐司 25

(1) $3\frac{1}{2}$

(2) $2\frac{3}{4}$

(3) $4\frac{4}{5}$

(4) $2\frac{4}{7}$

(5) $1\frac{1}{5}$

(6) $\frac{12}{13}$

能量吐司 26

(1) $\frac{13}{12}$

(2) $3\frac{5}{24}$

(3) $5\frac{13}{36}$

(4) $2\frac{5}{36}$

(5) $5\frac{17}{60}$

(6) $7\frac{43}{100}$

能量吐司 27

(1) $\frac{15}{14}$

(2) $\frac{3}{40}$

(3) $\frac{9}{50}$

(4) $\frac{6}{77}$

(5) $\frac{55}{48}$

(6) $\frac{119}{72}$

能量吐司 28

(1) $\frac{3}{35}$

(2) $\frac{1}{30}$

(3) $\frac{3}{8}$

(4) $\frac{3}{88}$

(5) $\frac{5}{9}$

(6) 2

能量吐司 29

(1) $\frac{1}{90}$

(2) $\frac{4}{3}$

(3) $\frac{3}{16}$

(4) $\frac{7}{40}$

(5) $\frac{2}{9}$

(6) $\frac{2}{15}$

能量吐司 30

(1) $\frac{10}{7}$

(2) $\frac{20}{9}$

(3) $\frac{12}{11}$

(4) $\frac{6}{7}$

(5) $\frac{70}{13}$

(6) $\frac{35}{8}$

能量吐司 31

(1) $\frac{5}{2}$

(2) $\frac{21}{2}$

(3) $\frac{14}{3}$

(4) $\frac{9}{5}$

(5) 10

(6) $\frac{25}{3}$

能量吐司 32

(1) $\frac{28}{27}$

(2) $\frac{3}{8}$

(3) 22

(4) $\frac{33}{10}$

(5) $\frac{6}{5}$

(6) $\frac{39}{2}$

能量吐司 33

(1) $\frac{1}{20}$

(2) $\frac{7}{20}$

(3) $\frac{27}{2}$

(4) $\frac{7}{40}$

(5) $\frac{5}{52}$

(6) $\frac{196}{18}$



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能量吐司 34

(1) $\frac{2}{7}$

(2) $\frac{1}{22}$

(3) $\frac{1}{45}$

(4) $\frac{3}{16}$

(5) $\frac{1}{30}$

(6) $\frac{1}{64}$

能量吐司 35

(1) $\frac{1}{10}$

(2) $\frac{1}{54}$

(3) $\frac{1}{50}$

(4) $\frac{1}{70}$

(5) $\frac{1}{32}$

(6) $\frac{1}{30}$

能量吐司 36

(1) 4

(2) 7

(3) 10

(4) $\frac{7}{2}$

(5) $\frac{13}{2}$

(6) $\frac{9}{2}$

能量吐司 37

(1) 15

(2) 28

(3) 30

(4) $\frac{15}{2}$

(5) $\frac{28}{3}$

(6) $\frac{40}{7}$

能量吐司 38

(1) $\frac{7}{6}$

(2) $\frac{4}{3}$

(3) $\frac{11}{6}$

(4) $\frac{18}{5}$

(5) $\frac{13}{12}$

(6) $\frac{7}{17}$

能量吐司 39

(1) $\frac{25}{24}$

(2) $\frac{6}{7}$

(3) $\frac{27}{32}$

(4) $\frac{56}{55}$

(5) $\frac{63}{50}$

(6) $\frac{63}{38}$

能量吐司 40

(1) $\frac{9}{8}$

(2) $\frac{6}{5}$

(3) $\frac{3}{8}$

(4) $\frac{3}{5}$

(5) $\frac{5}{2}$

(6) $\frac{4}{3}$

能量吐司 41

(1) $\frac{1}{2}$

(2) $\frac{6}{5}$

(3) $\frac{3}{8}$

(4) $\frac{3}{16}$

(5) 6

(6) $\frac{5}{2}$

能量吐司 42

(1) $\frac{2}{3}$

(2) $\frac{8}{5}$

(3) $\frac{9}{20}$

(4) $\frac{2}{3}$

(5) $\frac{2}{3}$

(6) $\frac{30}{49}$

能量吐司 43

(1) $\frac{25}{9}$

(2) $\frac{8}{3}$

(3) $\frac{14}{3}$

(4) $\frac{64}{27}$

(5) $\frac{5}{2}$

(6) $\frac{7}{8}$

能量吐司 44

(1) $-4, -3$

(2) $-5, -2$

(3) $-6, -5$

(4) 1, 5

(5) 3, 7

(6) 5, 8

能量吐司 45

(1) $\bigcirc, \bigcirc, \bigcirc, \times$

(2) 大, 小, 小, 大

能量吐司 46

(1) $-\frac{1}{5}$

(2) $-\frac{3}{7}$

(3) $-\frac{5}{9}$

(4) $\frac{2}{5}$

(5) $\frac{1}{7}$



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(6) $\frac{2}{9}$

能量吐司 47

(1) $\frac{1}{2}$

(2) $\frac{1}{4}$

(3) $\frac{1}{3}$

(4) 1

(5) 1

(6) 1

能量吐司 48

(1) $-\frac{7}{10}$

(2) $-\frac{7}{12}$

(3) $-\frac{9}{20}$

(4) $-\frac{9}{14}$

(5) $-\frac{11}{30}$

(6) $-\frac{13}{42}$

能量吐司 49

(1) $-\frac{1}{6}$

(2) $-\frac{1}{12}$

(3) $-\frac{3}{10}$

(4) $-\frac{5}{14}$

(5) $-\frac{5}{24}$

(6) $-\frac{4}{45}$

能量吐司 50

(1) $-\frac{3}{4}$

(2) $-\frac{1}{2}$

(3) $-\frac{7}{24}$

(4) $-\frac{3}{4}$

(5) $-\frac{1}{2}$

(6) $-\frac{5}{12}$

能量吐司 51

(1) $\frac{5}{6}$

(2) $\frac{7}{12}$

(3) $\frac{1}{2}$

(4) $\frac{17}{18}$

(5) $\frac{29}{24}$

(6) $\frac{29}{20}$

能量吐司 52

(1) $-\frac{1}{6}$

(2) $\frac{1}{12}$

(3) $-\frac{1}{6}$

(4) $-\frac{13}{18}$

(5) $-\frac{1}{3}$

(6) $-\frac{8}{15}$

能量吐司 53

(1) $-\frac{3}{7}$

(2) $-\frac{5}{11}$

(3) $-\frac{4}{9}$

(4) $-\frac{3}{14}$

(5) $-\frac{6}{7}$

(6) $-\frac{1}{6}$

能量吐司 54

(1) $-\frac{3}{14}$

(2) $-\frac{7}{12}$

(3) $-\frac{1}{10}$

(4) $-\frac{1}{2}$

(5) $-\frac{1}{4}$

(6) $-\frac{1}{2}$

能量吐司 55

(1) $\frac{2}{35}$

(2) $\frac{15}{28}$

(3) $\frac{35}{54}$

(4) $\frac{4}{15}$

(5) $\frac{3}{2}$

(6) $\frac{2}{3}$

能量吐司 56

(1) $-\frac{4}{3}$

(2) $-\frac{5}{2}$

(3) $-\frac{6}{5}$

(4) $-\frac{3}{4}$

(5) $-\frac{2}{5}$

(6) -6

能量吐司 57

(1) $-\frac{4}{7}$

(2) $-\frac{5}{11}$

(3) $-\frac{6}{23}$

(4) $-\frac{3}{4}$

(5) $-\frac{7}{16}$

(6) $-\frac{8}{29}$

能量吐司 58

(1) $-\frac{1}{3}$

(2) $-\frac{1}{4}$



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(3) $-\frac{1}{5}$

(4) $-\frac{1}{8}$

(5) $-\frac{1}{7}$

(6) -1

能量吐司 59

(1) -4

(2) -6

(3) -15

(4) $-\frac{3}{2}$

(5) $-\frac{3}{10}$

(6) $-\frac{7}{4}$

能量吐司 60

(1) -6

(2) -9

(3) -20

(4) $-\frac{3}{2}$

(5) $-\frac{9}{10}$

(6) $-\frac{2}{9}$

能量吐司 61

(1) $\frac{3}{4}$

(2) $\frac{3}{5}$

(3) $\frac{7}{6}$

(4) $\frac{5}{2}$

(5) 3

(6) $\frac{3}{5}$

能量吐司 62

(1) $-\frac{1}{4}$

(2) $-\frac{1}{5}$

(3) $-\frac{1}{6}$

(4) $-\frac{1}{8}$

(5) $-\frac{2}{5}$

(6) $-\frac{1}{12}$

能量吐司 63

(1) $-\frac{1}{4}$

(2) $-\frac{1}{5}$

(3) $-\frac{1}{6}$

(4) $-\frac{1}{8}$

(5) $-\frac{1}{10}$

(6) $-\frac{3}{35}$

能量吐司 64

(1) $\frac{1}{4}$

(2) $\frac{1}{5}$

(3) $\frac{1}{6}$

(4) $\frac{1}{12}$

(5) $\frac{1}{15}$

(6) $\frac{2}{35}$

能量吐司 65

(1) -4

(2) -5

(3) -6

(4) -8

(5) $-\frac{28}{3}$

(6) $-\frac{25}{2}$

能量吐司 66

(1) -4

(2) -5

(3) -6

(4) $-\frac{9}{2}$

(5) $-\frac{9}{2}$

(6) $-\frac{80}{7}$

能量吐司 67

(1) 4

(2) 5

(3) 6

(4) $\frac{15}{2}$

(5) $\frac{26}{3}$

(6) $\frac{75}{2}$

能量吐司 68

(1) $-\frac{1}{16}$

(2) $-\frac{5}{16}$

(3) $-\frac{1}{3}$

(4) $\frac{1}{16}$

(5) $-\frac{5}{16}$

(6) $-\frac{2}{5}$

能量吐司 69

(1) -4

(2) $-\frac{9}{5}$

(3) $-\frac{75}{64}$

(4) $\frac{25}{144}$

(5) $-\frac{125}{324}$

(6) $-\frac{45}{32}$

能量吐司 70

(1) $-\frac{25}{144}$

(2) $-\frac{125}{324}$

(3) $-\frac{12}{25}$

(4) 4

(5) $-\frac{9}{5}$



解

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$$(6) -\frac{72}{125}$$

能量吐司 71

$$(1) -\frac{100}{9}$$

$$(2) -\frac{20}{9}$$

$$(3) -\frac{27}{16}$$

$$(4) \frac{100}{9}$$

$$(5) -\frac{20}{9}$$

$$(6) -\frac{81}{40}$$

