Fractions

KAKOOMA

Advanced Level – Puzzle # 1

Puzzled? In each 9-number square, find the number that is the sum of 2 other numbers. Use all 9 sums to create 1 final puzzle and solve.

$\frac{16}{24}$	$\frac{9}{24}$	$\frac{13}{24}$	$\frac{10}{24}$	$\frac{9}{24}$	$\frac{21}{24}$	$\frac{19}{24}$	$\frac{17}{24}$	$\frac{2}{6}$
$\frac{18}{24}$	$\frac{23}{24}$	$\frac{11}{24}$	$\frac{22}{24}$	$\frac{20}{24}$	$\frac{5}{24}$	$\frac{15}{24}$	$\frac{7}{24}$	$\frac{13}{24}$
$\frac{12}{24}$	$\frac{17}{24}$	$\frac{19}{24}$	$\frac{1}{6}$	$\frac{7}{24}$	$\frac{23}{24}$	$\frac{16}{24}$	$\frac{18}{24}$	$\frac{14}{24}$
$\frac{22}{24}$	$\frac{9}{24}$	$\frac{3}{6}$	$\frac{3}{24}$	$\frac{18}{24}$	$\frac{23}{24}$	$\frac{13}{24}$	$\frac{23}{24}$	$\frac{14}{24}$
$\frac{20}{24}$	$\frac{6}{24}$	$\frac{21}{24}$	$\frac{19}{24}$	$\frac{2}{24}$	$\frac{10}{24}$	$\frac{18}{24}$	$\frac{6}{24}$	$\frac{3}{24}$
$\frac{23}{24}$	$\frac{19}{24}$	$\frac{5}{24}$	$\frac{7}{24}$	$\frac{6}{24}$	$\frac{14}{24}$	$\frac{7}{24}$	$\frac{22}{24}$	$\frac{2}{24}$
$\frac{20}{24}$	$\frac{22}{24}$	$\frac{21}{24}$	$\frac{2}{24}$	$\frac{9}{24}$	$\frac{16}{24}$	$\frac{16}{24}$	$\frac{1}{24}$	$\frac{12}{24}$
$\frac{18}{24}$	$\frac{8}{24}$	$\frac{17}{24}$	$\frac{23}{24}$	$\frac{8}{24}$	$\frac{13}{24}$	$\frac{7}{24}$	$\frac{22}{24}$	$\frac{9}{24}$
$\frac{23}{24}$	$\frac{9}{24}$	$\frac{19}{24}$	$\frac{20}{24}$	$\frac{12}{24}$	$\frac{19}{24}$	$\frac{18}{24}$	$\frac{20}{24}$	$\frac{14}{24}$

a	b	c
d	e	f
g	h	i

Final answer:

Flip side: a=7/28 b=5/7 c=23/28 d=22/28 e=19/28 f=10/28 g=**17/28** h=18/28

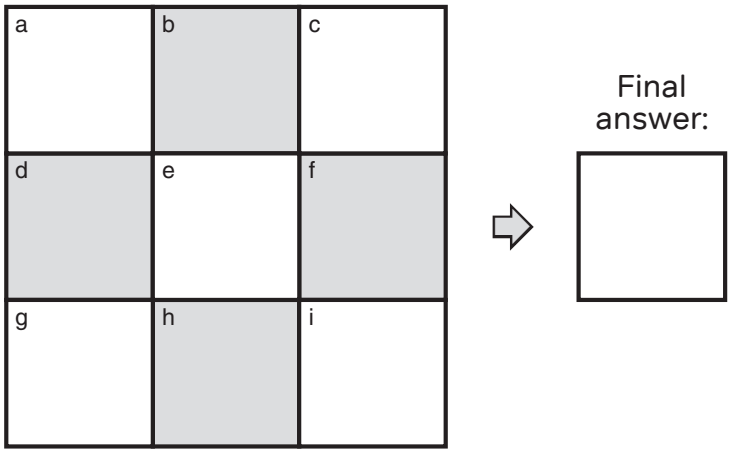
Fractions

KAKOOMA

Advanced Level – Puzzle #2

Puzzled? In each 9-number square, find the number that is the sum of 2 other numbers. Use all 9 sums to create 1 final puzzle and solve.

$\frac{2}{28}$	$\frac{1}{28}$	$\frac{23}{28}$	$\frac{11}{28}$	$\frac{22}{28}$	$\frac{5}{7}$	$\frac{21}{28}$	$\frac{11}{28}$	$\frac{13}{28}$
$\frac{7}{28}$	$\frac{5}{28}$	$\frac{5}{7}$	$\frac{19}{28}$	$\frac{9}{28}$	$\frac{17}{28}$	$\frac{14}{28}$	$\frac{22}{28}$	$\frac{23}{28}$
$\frac{11}{28}$	$\frac{14}{28}$	$\frac{17}{28}$	$\frac{16}{28}$	$\frac{15}{28}$	$\frac{23}{28}$	$\frac{3}{7}$	$\frac{19}{28}$	$\frac{17}{28}$
$\frac{8}{28}$	$\frac{17}{28}$	$\frac{15}{28}$	$\frac{18}{28}$	$\frac{13}{28}$	$\frac{11}{28}$	$\frac{18}{28}$	$\frac{6}{28}$	$\frac{10}{28}$
$\frac{20}{28}$	$\frac{19}{28}$	$\frac{14}{28}$	$\frac{19}{28}$	$\frac{9}{28}$	$\frac{4}{7}$	$\frac{2}{28}$	$\frac{19}{28}$	$\frac{7}{28}$
$\frac{22}{28}$	$\frac{18}{28}$	$\frac{21}{28}$	$\frac{10}{28}$	$\frac{15}{28}$	$\frac{17}{28}$	$\frac{14}{28}$	$\frac{3}{28}$	$\frac{23}{28}$
$\frac{3}{7}$	$\frac{6}{28}$	$\frac{20}{28}$	$\frac{18}{28}$	$\frac{22}{28}$	$\frac{19}{28}$	$\frac{18}{28}$	$\frac{2}{28}$	$\frac{5}{28}$
$\frac{17}{28}$	$\frac{5}{28}$	$\frac{2}{28}$	$\frac{11}{28}$	$\frac{9}{28}$	$\frac{6}{28}$	$\frac{22}{28}$	$\frac{10}{28}$	$\frac{21}{28}$
$\frac{13}{28}$	$\frac{9}{28}$	$\frac{16}{28}$	$\frac{23}{28}$	$\frac{21}{28}$	$\frac{7}{28}$	$\frac{9}{28}$	$\frac{6}{28}$	$\frac{14}{28}$



Flip side: a= **23/24** b=9/24 c=15/24 d=21/24 e=10/24 f=13/24 g=17/24 h=20/24

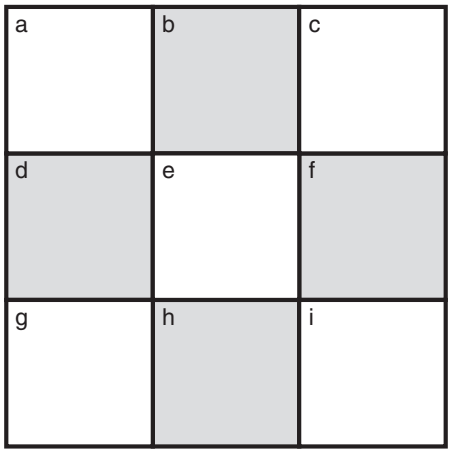
Fractions

KAKOOMA

Advanced Level – Puzzle #3

Puzzled? In each 9-number square, find the number that is the sum of 2 other numbers. Use all 9 sums to create 1 final puzzle and solve.

$\frac{14}{30}$	$\frac{16}{30}$	$\frac{12}{30}$	$\frac{23}{30}$	$\frac{6}{15}$	$\frac{20}{30}$	$\frac{19}{30}$	$\frac{13}{30}$	$\frac{23}{30}$
$\frac{9}{30}$	$\frac{15}{30}$	$\frac{11}{30}$	$\frac{11}{30}$	$\frac{21}{30}$	$\frac{16}{30}$	$\frac{11}{30}$	$\frac{7}{15}$	$\frac{17}{30}$
$\frac{13}{30}$	$\frac{10}{30}$	$\frac{7}{30}$	$\frac{17}{30}$	$\frac{22}{30}$	$\frac{14}{30}$	$\frac{18}{30}$	$\frac{7}{30}$	$\frac{15}{30}$
$\frac{23}{30}$	$\frac{8}{30}$	$\frac{16}{30}$	$\frac{15}{30}$	$\frac{20}{30}$	$\frac{18}{30}$	$\frac{7}{30}$	$\frac{15}{30}$	$\frac{22}{30}$
$\frac{5}{30}$	$\frac{10}{30}$	$\frac{14}{30}$	$\frac{21}{30}$	$\frac{13}{30}$	$\frac{5}{15}$	$\frac{19}{30}$	$\frac{20}{30}$	$\frac{17}{30}$
$\frac{6}{15}$	$\frac{3}{30}$	$\frac{1}{30}$	$\frac{22}{30}$	$\frac{11}{30}$	$\frac{14}{30}$	$\frac{9}{15}$	$\frac{16}{30}$	$\frac{21}{30}$
$\frac{16}{30}$	$\frac{9}{30}$	$\frac{2}{30}$	$\frac{3}{15}$	$\frac{23}{30}$	$\frac{14}{30}$	$\frac{19}{30}$	$\frac{2}{15}$	$\frac{9}{30}$
$\frac{23}{30}$	$\frac{15}{30}$	$\frac{20}{30}$	$\frac{21}{30}$	$\frac{22}{30}$	$\frac{5}{30}$	$\frac{8}{30}$	$\frac{7}{30}$	$\frac{18}{30}$
$\frac{12}{30}$	$\frac{19}{30}$	$\frac{3}{15}$	$\frac{11}{30}$	$\frac{13}{30}$	$\frac{4}{30}$	$\frac{20}{30}$	$\frac{5}{30}$	$\frac{6}{30}$



Final answer:

Flip side: a=13/32 b=20/32 c=18/32 d=21/32 e= **23/32** f=12/32 g=19/32