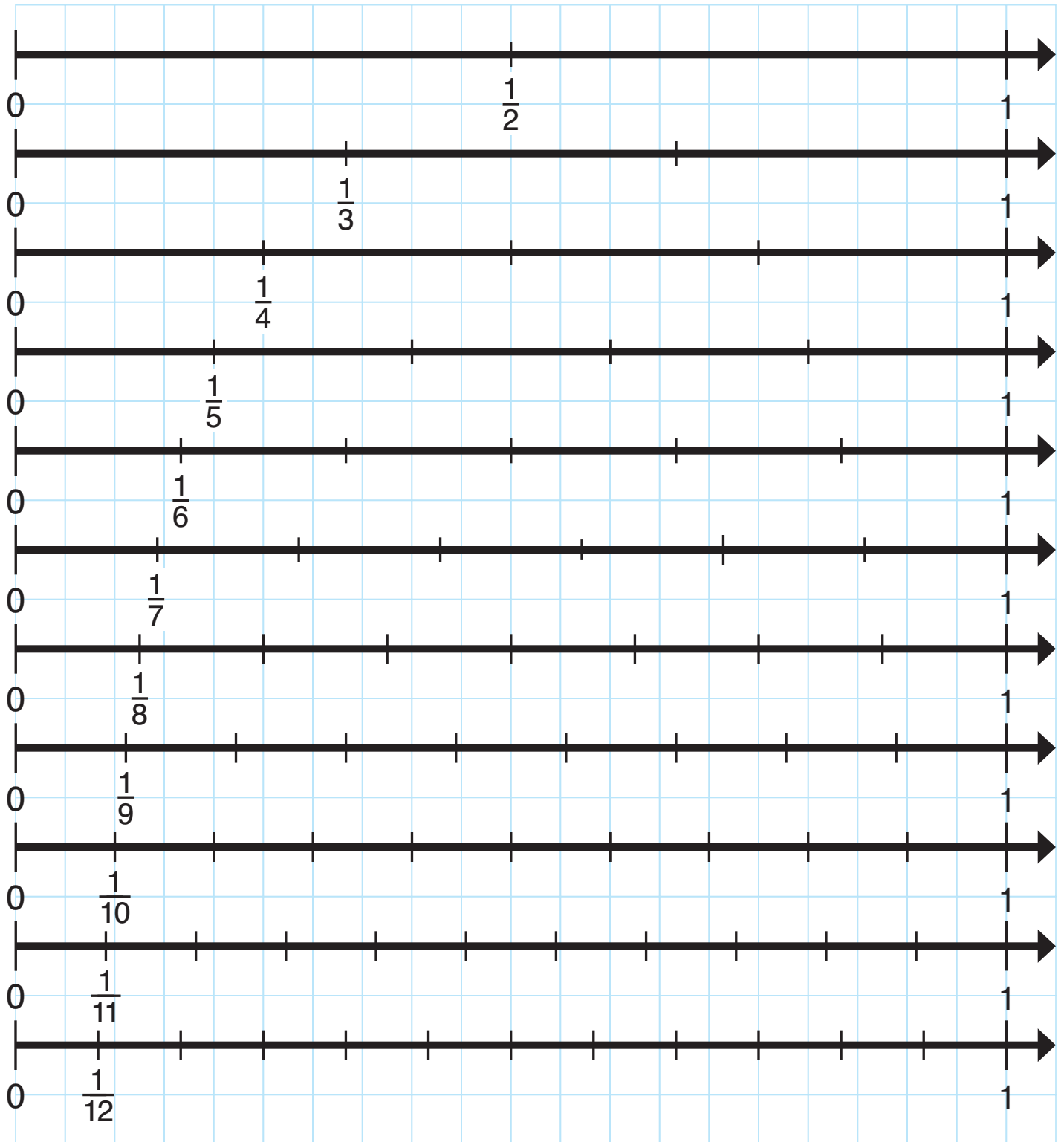
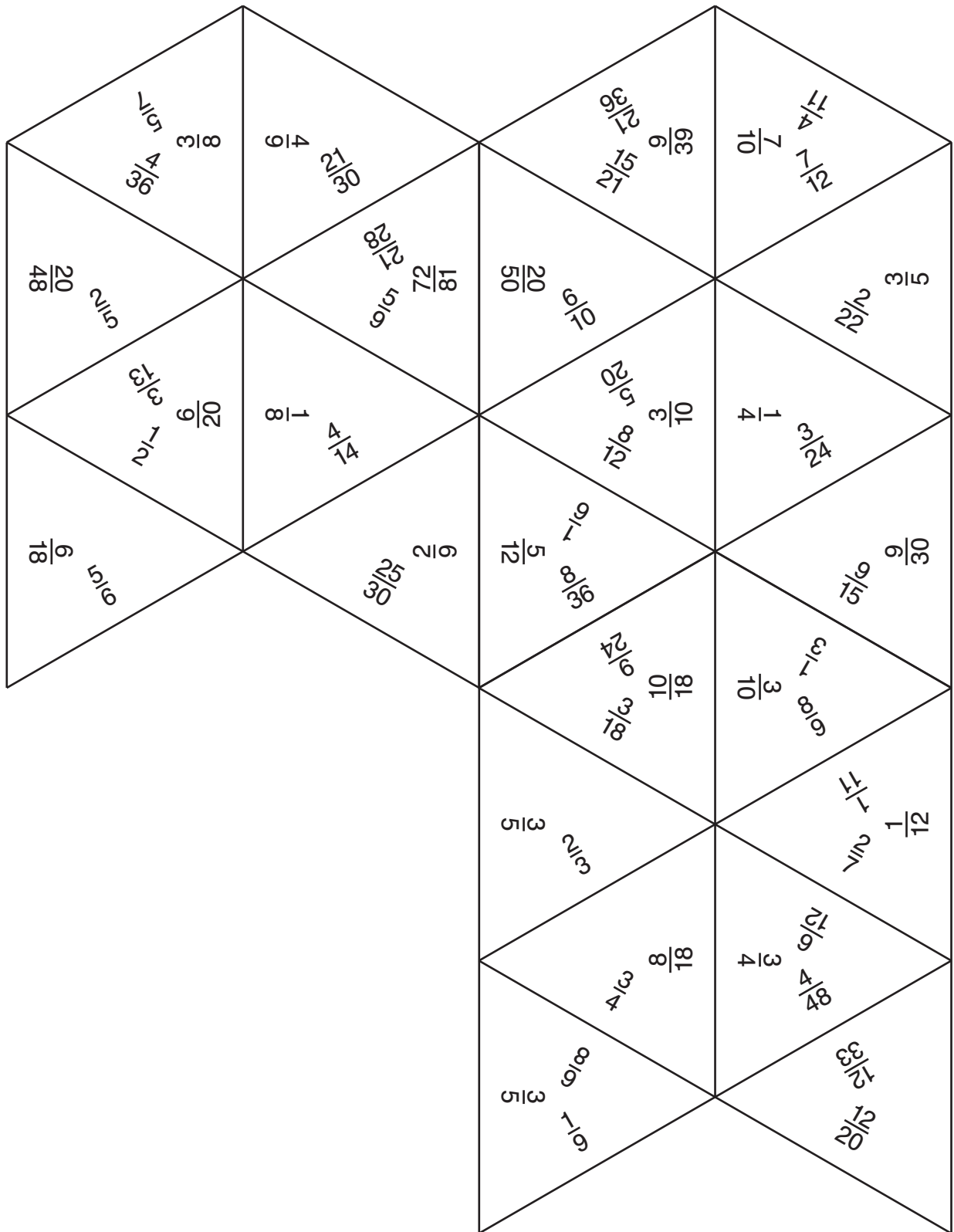
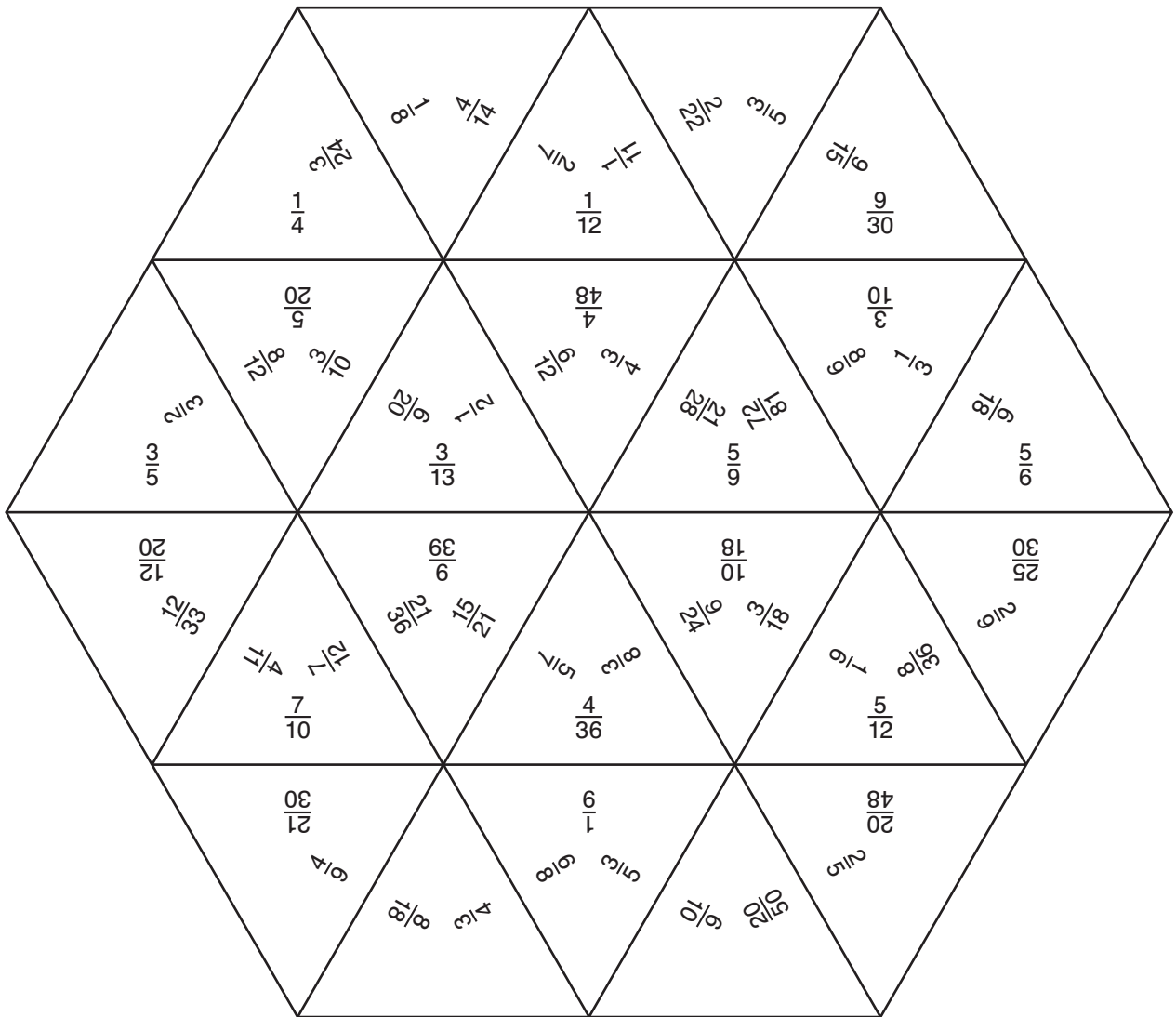


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31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

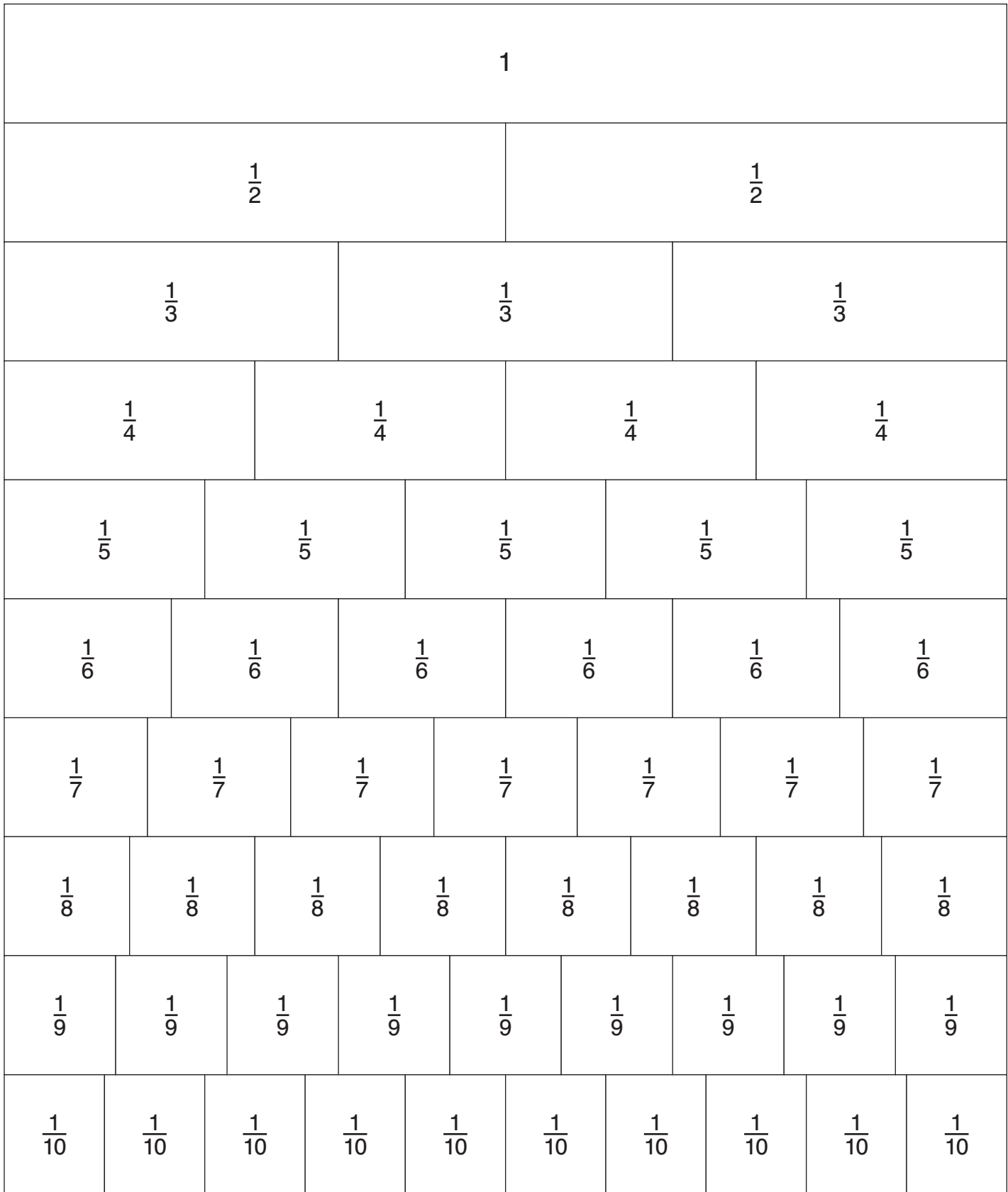


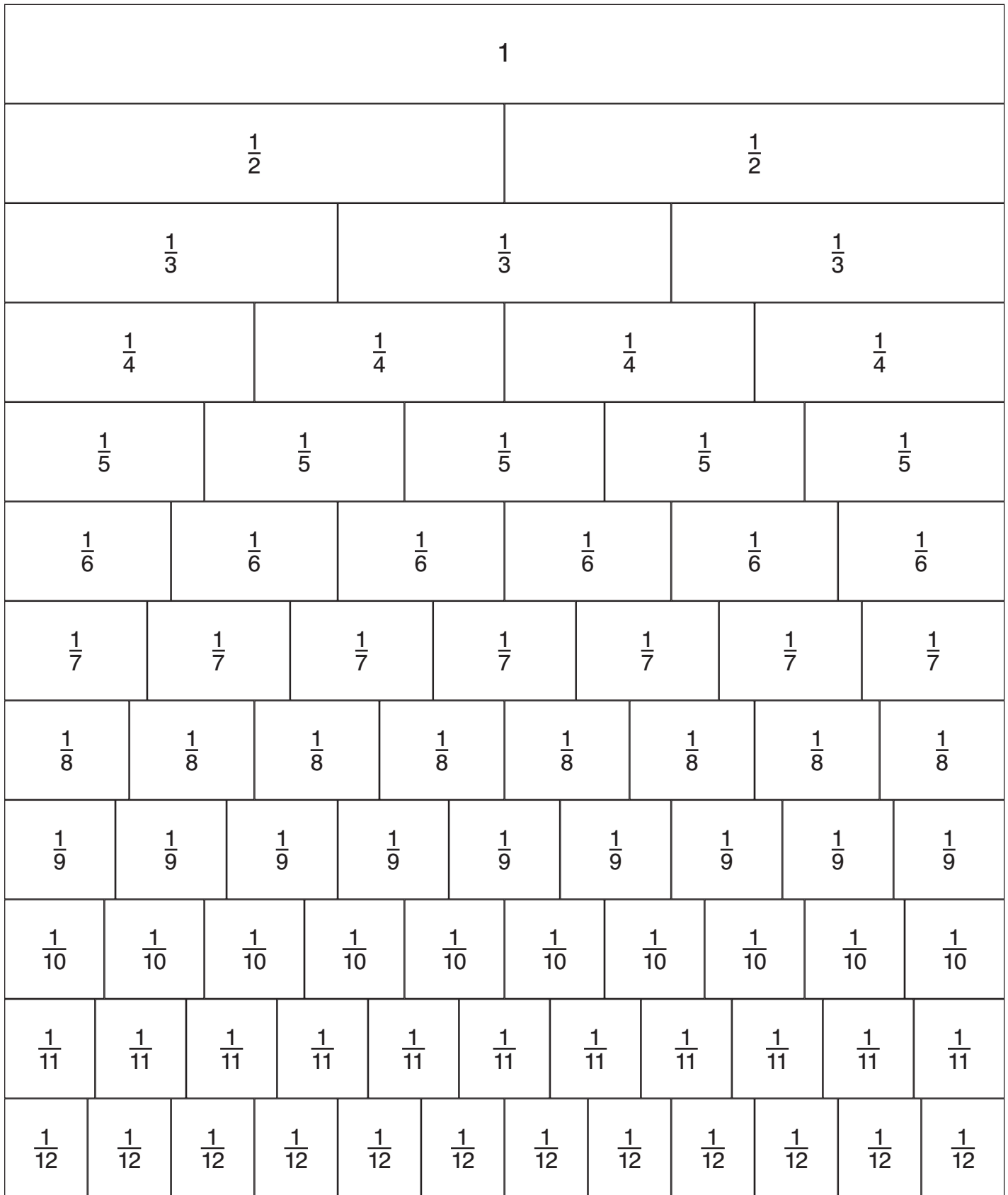






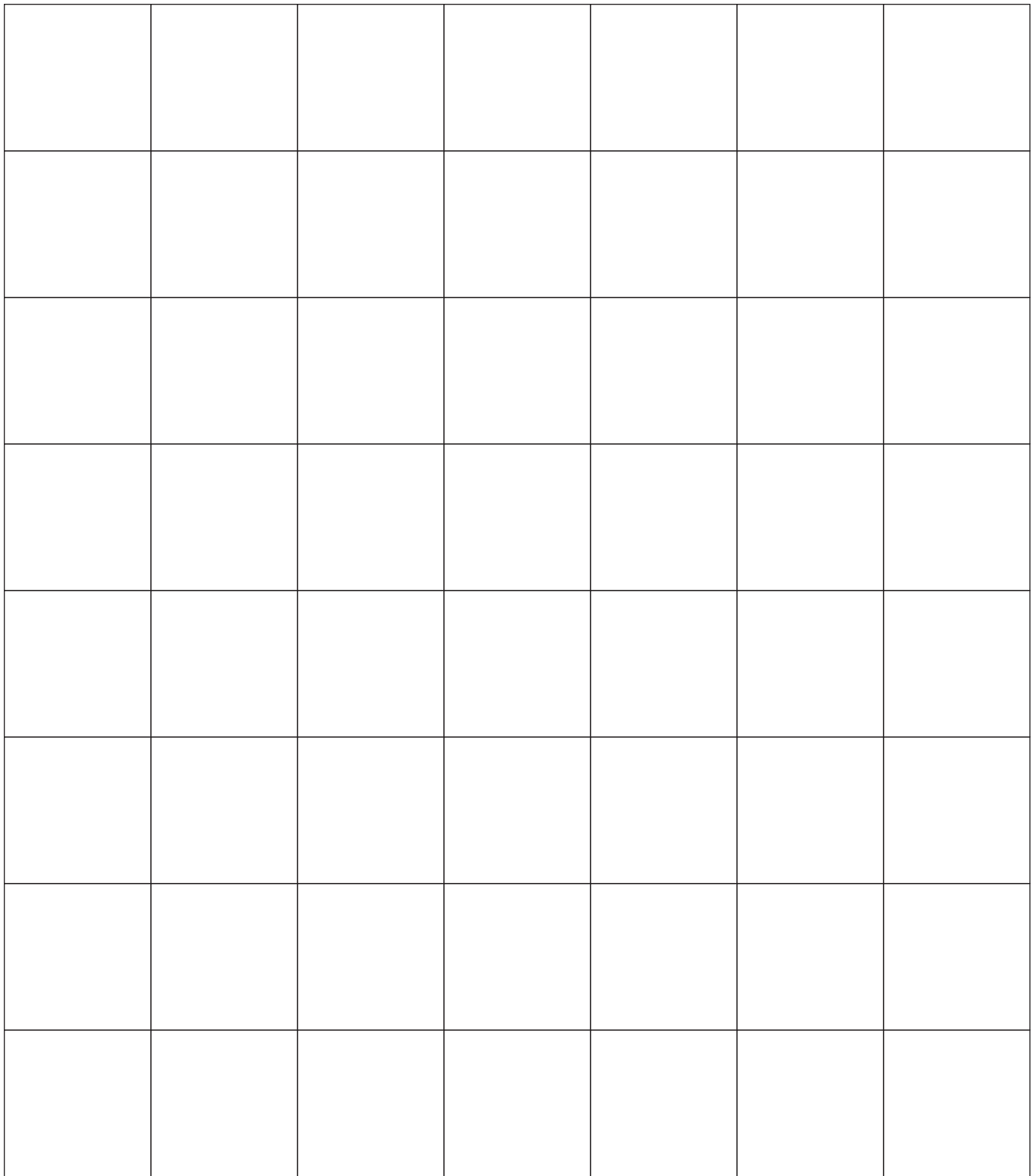
★	4	8	2	5
11	2	5	9	3
7	8	★	6	4
10	3	6	7	13
15	9	5	12	★

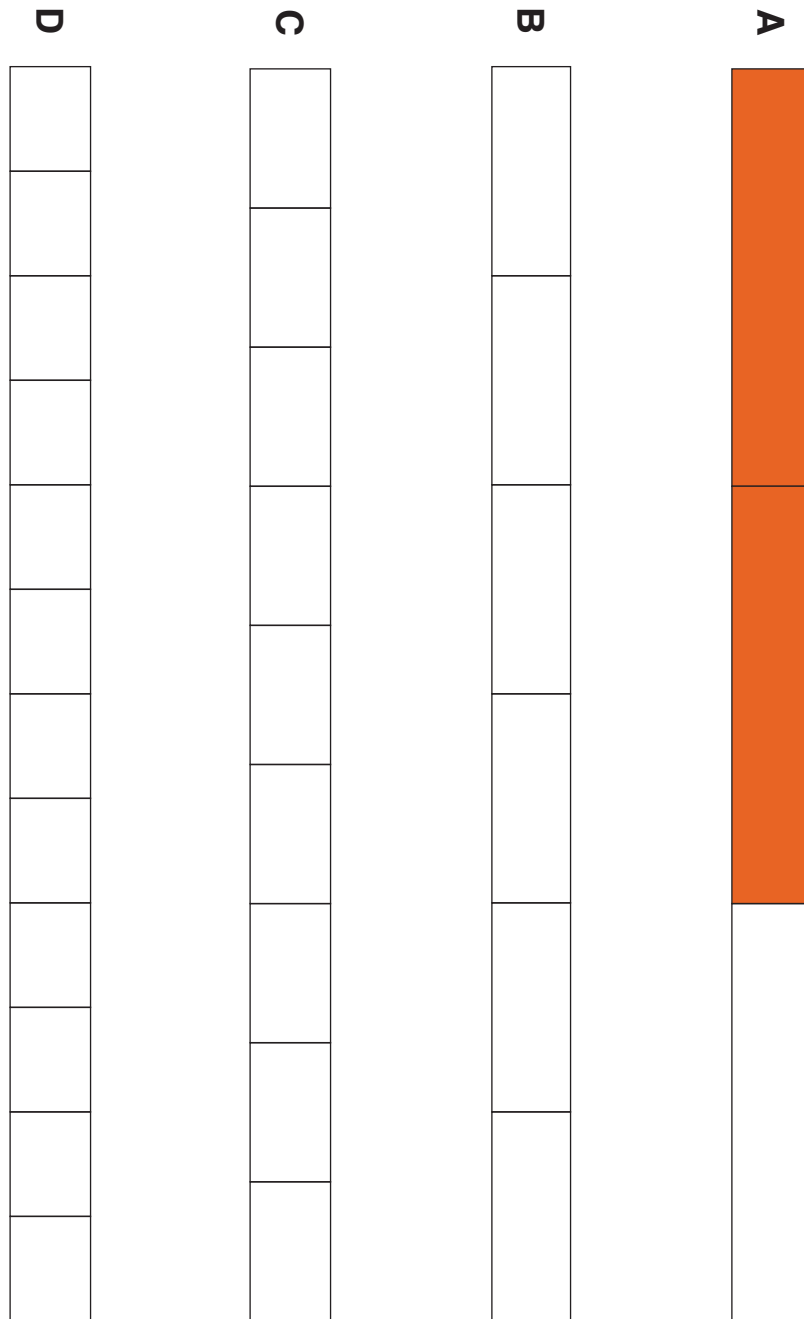




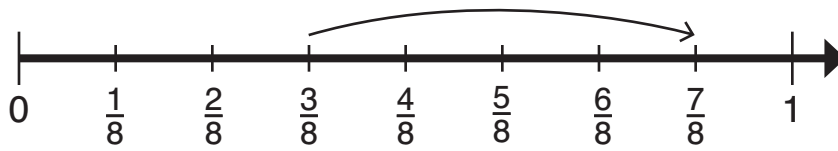


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21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

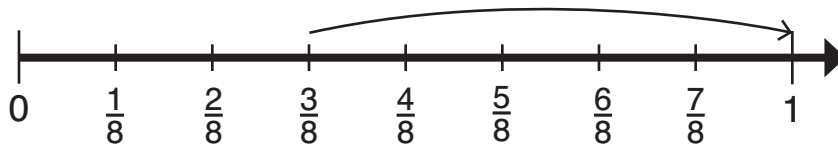




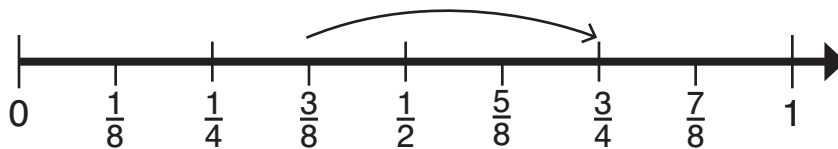
1



$$\frac{3}{8} + \frac{4}{8} = \boxed{}$$

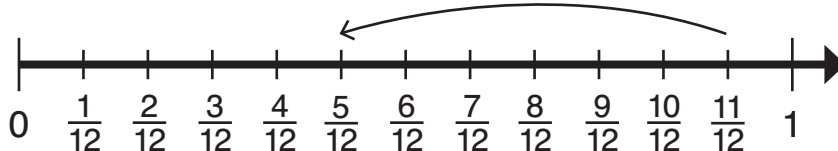
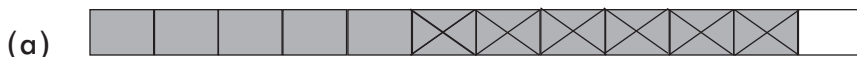


$$\frac{3}{8} + \frac{5}{8} = \frac{\boxed{}}{8} = \boxed{}$$

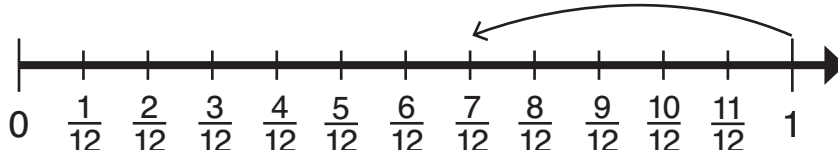


$$\frac{3}{8} + \frac{3}{8} = \frac{\boxed{}}{8} = \frac{\boxed{}}{4}$$

2



$$\frac{11}{12} - \frac{6}{12} = \boxed{}$$



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



$$\frac{11}{12} - \frac{3}{12} = \frac{\boxed{}}{12} = \boxed{}$$

3 Find the values. Express them in simplest form.

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

(b) $\frac{2}{5} + \frac{2}{5} =$

(c) $\frac{8}{9} - \frac{7}{9} =$

(d) $1 - \frac{5}{11} =$

(e) $\frac{2}{10} + \frac{3}{10} =$

(f) $1 - \frac{7}{16} =$

(g) $\frac{5}{18} + \frac{5}{18} =$

(h) $\frac{9}{14} - \frac{3}{14} =$

(i) $\frac{13}{15} - \frac{4}{15} =$

(j) $\frac{2}{9} + \frac{2}{9} + \frac{2}{9} =$

4 Write $>$, $<$, or $=$ in each \bigcirc .

(a) $\frac{1}{7} + \frac{6}{7} \bigcirc \frac{1}{9} + \frac{6}{9}$

(b) $\frac{4}{5} - \frac{4}{5} \bigcirc \frac{7}{8} - \frac{4}{8}$

(c) $\frac{1}{3} + \frac{1}{3} \bigcirc \frac{7}{12} - \frac{5}{12}$

(d) $1 - \frac{5}{6} \bigcirc \frac{1}{12} + \frac{3}{12}$

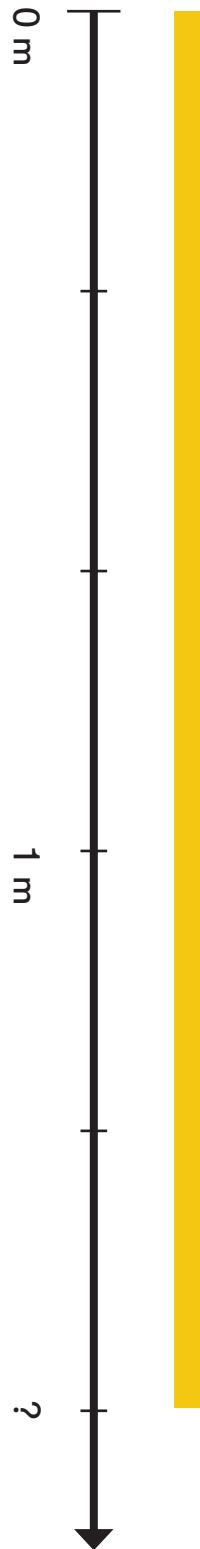
(e) $\frac{3}{10} + \frac{2}{10} \bigcirc \frac{13}{16} - \frac{5}{16}$

(f) $1 - \frac{1}{3} \bigcirc \frac{2}{9} + \frac{2}{9}$

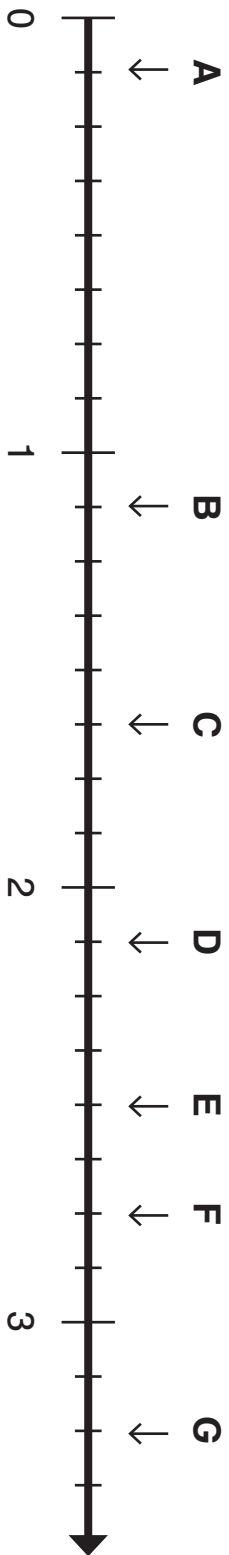
(g) $\frac{5}{12} + \frac{5}{12} \bigcirc \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

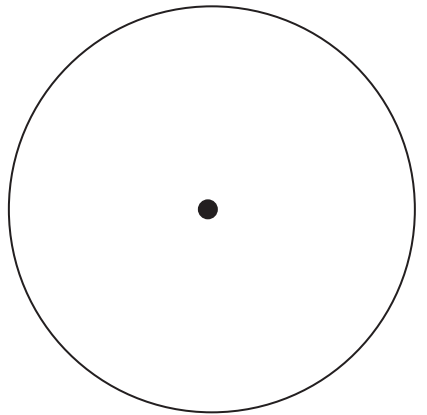
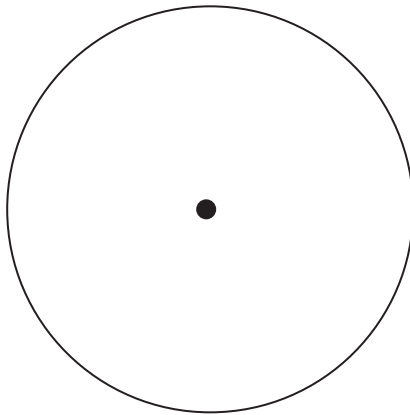
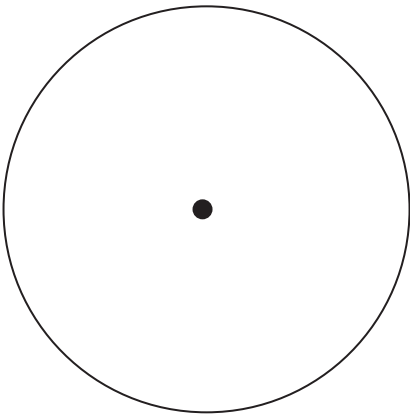
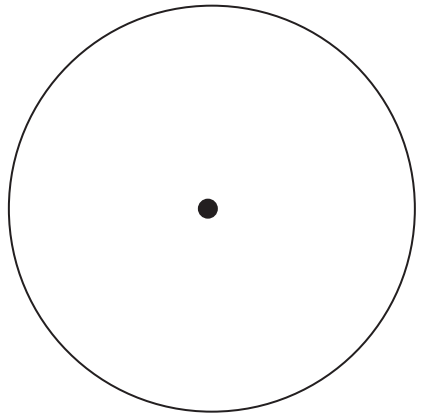
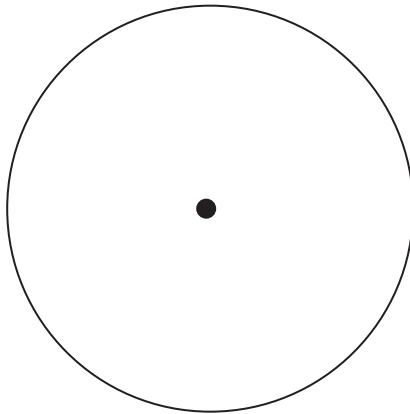
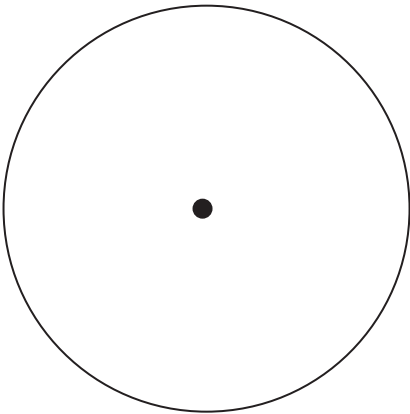
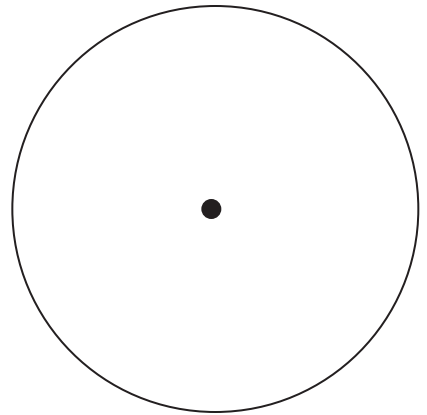
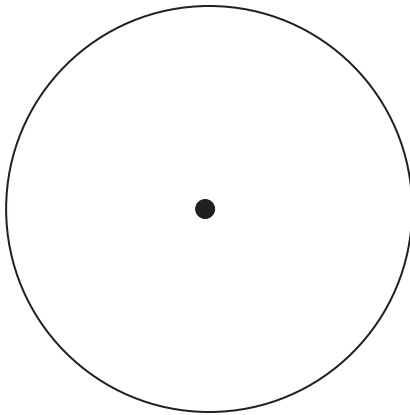
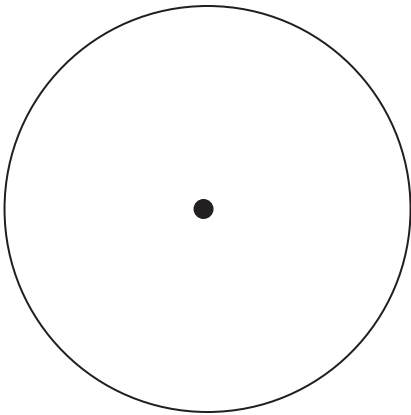
(h) $\frac{1}{8} + \frac{3}{8} + \frac{1}{8} \bigcirc \frac{7}{9} - \frac{2}{9}$

Think



4



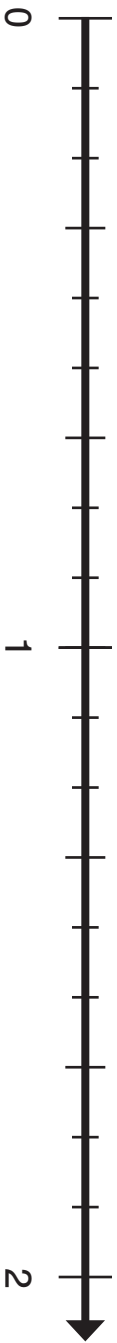


3 Add $\frac{3}{4}$ and $\frac{7}{8}$.

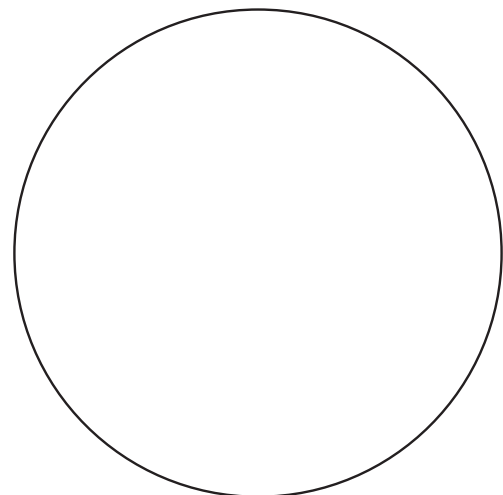
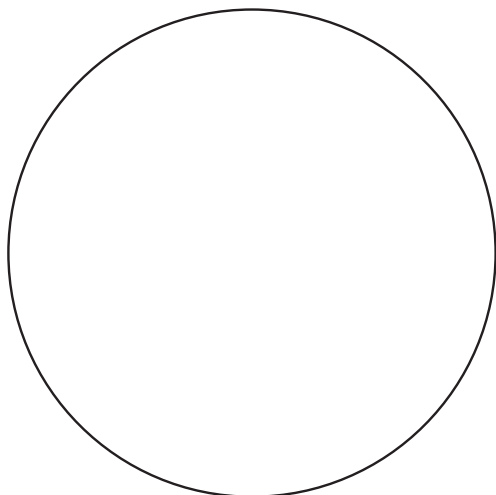
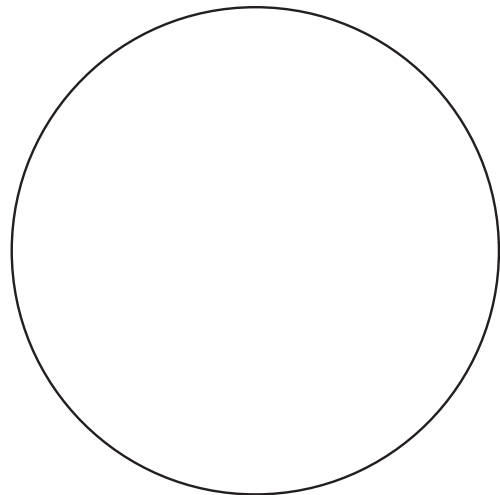
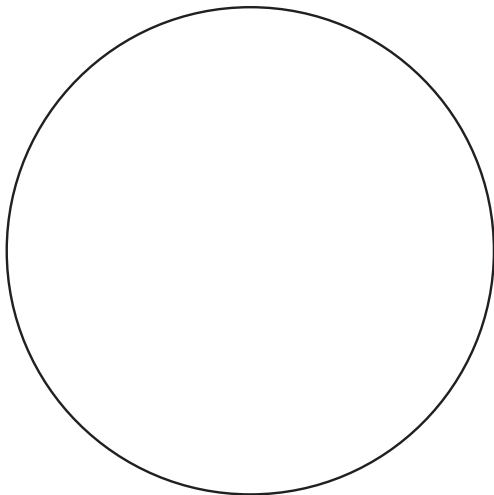
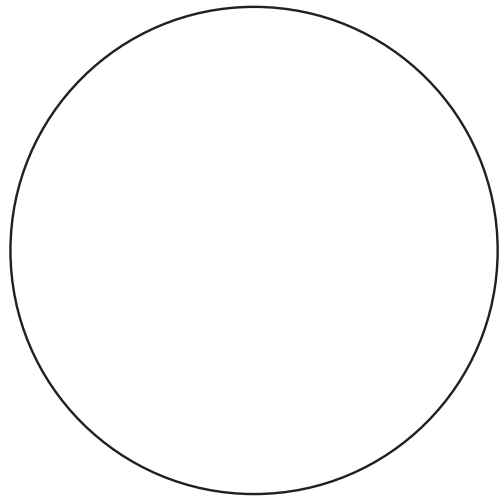
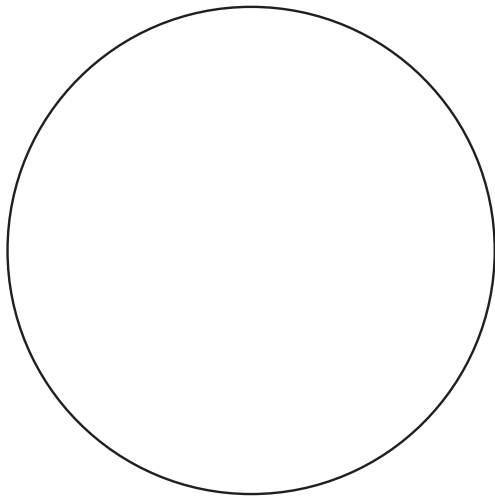


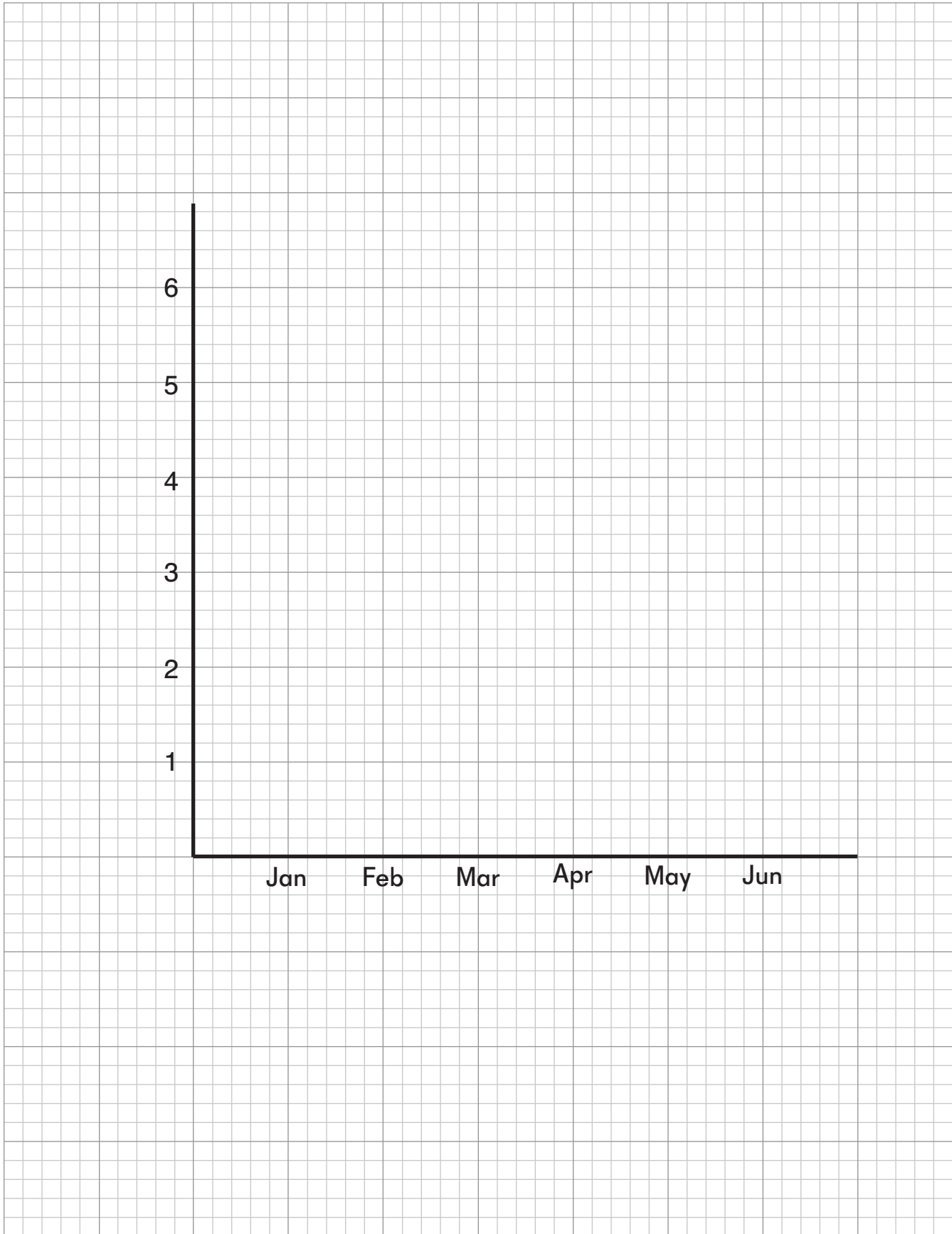
$$\frac{3}{4} + \frac{7}{8} = \frac{\quad}{8} + \frac{7}{8} = \frac{\quad}{8} =$$

4 Subtract $\frac{8}{9}$ from $\frac{5}{3}$.

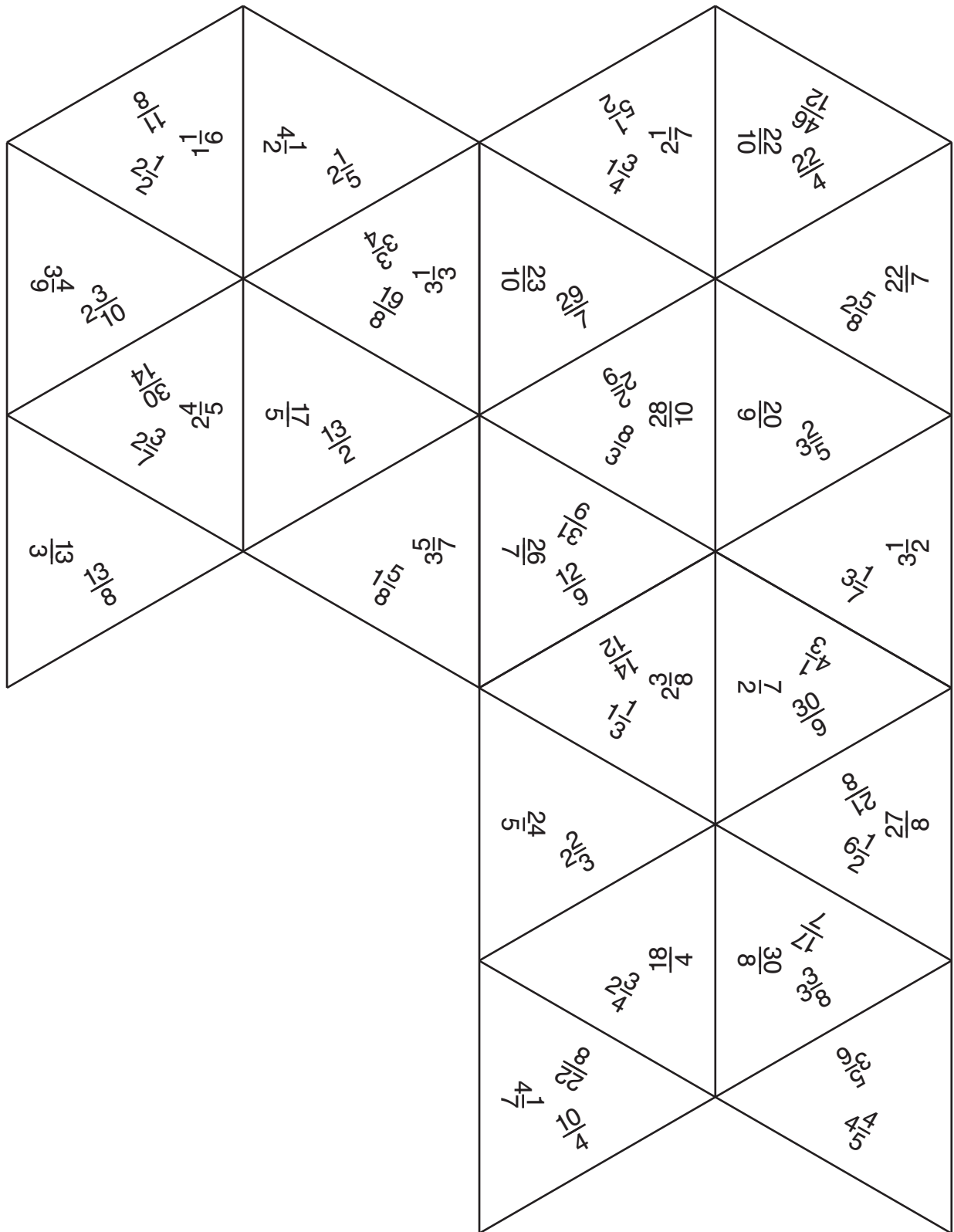


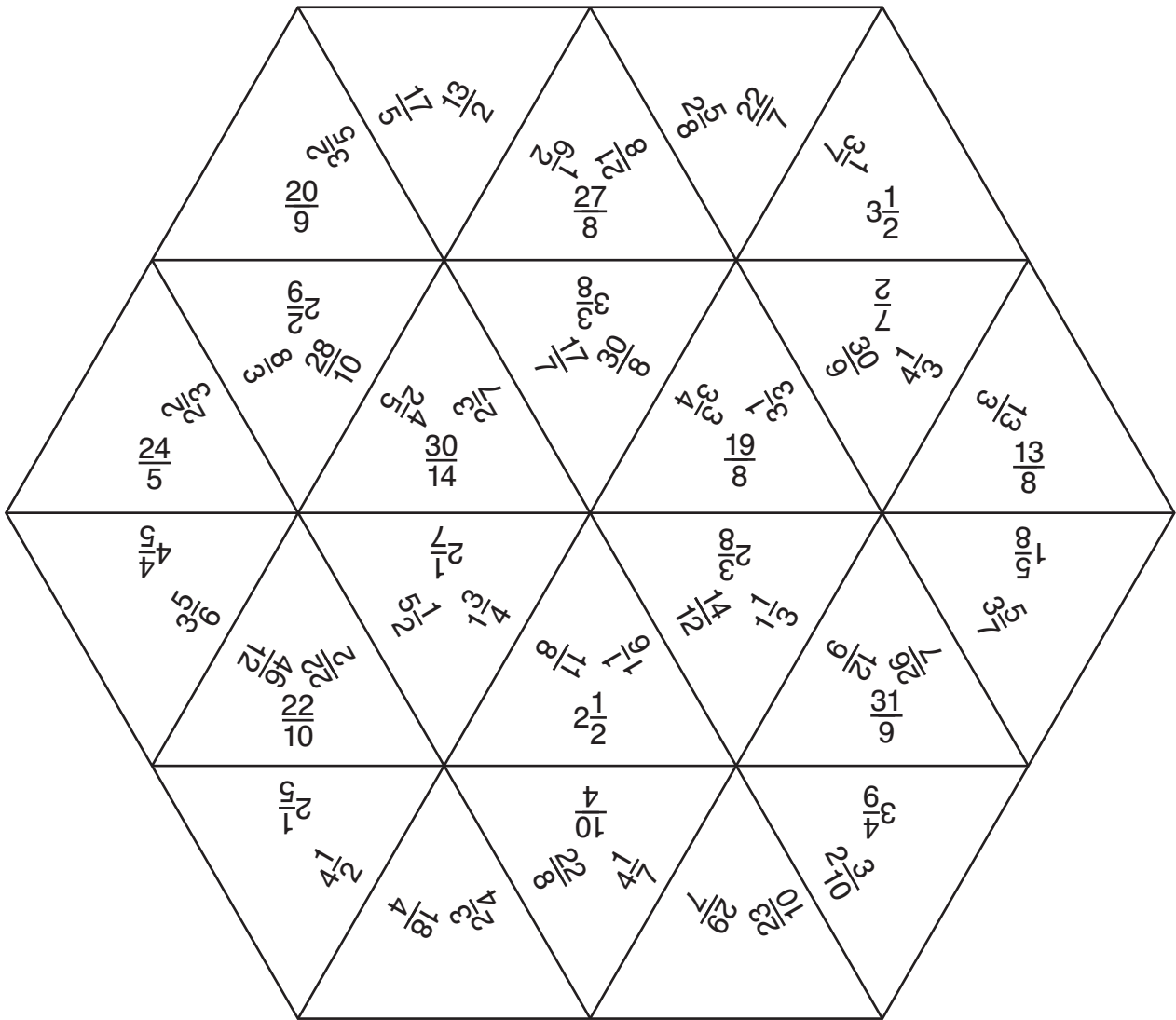
$$\frac{5}{3} - \frac{8}{9} = \frac{\quad}{9} - \frac{8}{9} =$$





Print on card stock paper.





×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

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100

4	3	2	1
4 0, 0 0 0	3 0, 0 0 0	2 0, 0 0 0	1 0, 0 0 0

8	7	6	5
8 0, 0 0 0	7 0, 0 0 0	6 0, 0 0 0	5 0, 0 0 0

3	2	1	9
0	0	0	9
3,	2,	1,	0,
0	0	0	0
0	0	0	0
0	0	0	0

4	0	4,000
5	0	5,000
6	0	6,000
7	0	7,000

3	1	9	8
0	0	0	0
0	0	9,	8,
4	2	0	0
0	0	0	0
0	0	0	0

1	9	7	5
0	0	0	0
0,	0	0	0
0		8	6
0		0	0
0		0	0

5	4	3	2
0	0	0	0
0,	0,	0,	0,
0	0	0	0
0	0	0	0
0	0	0	0

9	9	7	9
0	0	0	0
,0,	,0,	,0,	,0,
0	0	0	0
0	0	0	0
0	0	0	0

4	3	2	1
4	3	2	1
0,	0,	0,	0,
0	0	0	0
0	0	0	0
0	0	0	0

8	7	6	5
8	7	6	5
0,	0,	0,	0,
0	0	0	0
0	0	0	0

3	2	1	9
0	0	0	9
3,	2,	1,	0,
0	0	0	0
0	0	0	0
0	0	0	0

4	0	0	0	0
4,	0	0	0	0
5	0	0	0	0
5,	0	0	0	0
6	0	0	0	0
6,	0	0	0	0
7	0	0	0	0
7,	0	0	0	0

3	1	9	8
0	0	0	0
0	0	9,	8,
4	2	0	0
0	0	0	0
0	0	0	0

1	9	7	5
0	0	0	0
0,	0	0	0
0		9	9
0		0	0
0		0	0

5	4	3	2
0	0	0	0
0,	0,	0,	0,
0	0	0	0
0	0	0	0
0	0	0	0

6	9	7	6
0	0	0	0
,0	,0	,0	,0
0	0	0	0
0	0	0	0
0	0	0	0

Mental Math 1

$7 + 3 = \underline{\quad}$

$7 + 5 = \underline{\quad}$

$67 + 3 = \underline{\quad}$

$67 + 5 = \underline{\quad}$

$78 + 7 = \underline{\quad}$

$5 + 56 = \underline{\quad}$

$86 + 6 = \underline{\quad}$

$345 + 5 = \underline{\quad}$

$345 + 9 = \underline{\quad}$

$467 + 5 = \underline{\quad}$

$488 + 9 = \underline{\quad}$

$824 + 7 = \underline{\quad}$

$7 + 179 = \underline{\quad}$

$8 + 736 = \underline{\quad}$

$952 + 6 = \underline{\quad}$

$828 + 9 = \underline{\quad}$

$392 + 8 = \underline{\quad}$

$7 + 496 = \underline{\quad}$

Mental Math 2

$17 + 62 = \underline{\quad}$

$35 + 74 = \underline{\quad}$

$52 + 28 = \underline{\quad}$

$57 + 28 = \underline{\quad}$

$57 + 78 = \underline{\quad}$

$46 + 57 = \underline{\quad}$

$89 + 92 = \underline{\quad}$

$26 + 59 = \underline{\quad}$

$68 + 81 = \underline{\quad}$

$27 + 47 = \underline{\quad}$

$87 + 35 = \underline{\quad}$

$79 + 46 = \underline{\quad}$

$84 + 52 = \underline{\quad}$

$36 + 54 = \underline{\quad}$

$55 + 79 = \underline{\quad}$

$94 + 67 = \underline{\quad}$

$85 + 42 = \underline{\quad}$

$77 + 77 = \underline{\quad}$

Mental Math 3

$370 + 550 = \underline{\quad}$

$430 + 180 = \underline{\quad}$

$540 + 290 = \underline{\quad}$

$680 + 160 = \underline{\quad}$

$230 + 550 = \underline{\quad}$

$260 + 70 = \underline{\quad}$

$80 + 670 = \underline{\quad}$

$350 + 580 = \underline{\quad}$

$130 + 90 = \underline{\quad}$

$470 + 250 = \underline{\quad}$

$160 + 730 = \underline{\quad}$

$860 + 400 = \underline{\quad}$

$860 + 410 = \underline{\quad}$

$860 + 470 = \underline{\quad}$

$920 + 750 = \underline{\quad}$

$990 + 750 = \underline{\quad}$

$560 + 460 = \underline{\quad}$

$770 + 880 = \underline{\quad}$

Mental Math 4

$80 - 5 = \underline{\quad}$

$50 - 7 = \underline{\quad}$

$450 - 3 = \underline{\quad}$

$670 - 6 = \underline{\quad}$

$880 - 4 = \underline{\quad}$

$910 - 2 = \underline{\quad}$

$90 - 8 = \underline{\quad}$

$710 - 1 = \underline{\quad}$

$160 - 5 = \underline{\quad}$

$820 - 9 = \underline{\quad}$

$430 - 2 = \underline{\quad}$

$620 - 1 = \underline{\quad}$

$910 - 7 = \underline{\quad}$

$830 - 9 = \underline{\quad}$

$630 - 4 = \underline{\quad}$

$280 - 8 = \underline{\quad}$

$200 - 6 = \underline{\quad}$

$600 - 3 = \underline{\quad}$

Mental Math 5

$13 - 6 = \underline{\quad}$

$83 - 6 = \underline{\quad}$

$583 - 6 = \underline{\quad}$

$56 - 6 = \underline{\quad}$

$56 - 8 = \underline{\quad}$

$456 - 8 = \underline{\quad}$

$24 - 9 = \underline{\quad}$

$85 - 7 = \underline{\quad}$

$98 - 5 = \underline{\quad}$

$712 - 7 = \underline{\quad}$

$768 - 4 = \underline{\quad}$

$433 - 6 = \underline{\quad}$

$620 - 9 = \underline{\quad}$

$911 - 2 = \underline{\quad}$

$831 - 4 = \underline{\quad}$

$624 - 5 = \underline{\quad}$

$104 - 6 = \underline{\quad}$

$301 - 8 = \underline{\quad}$

Mental Math 6

$75 - 33 = \underline{\quad}$

$75 - 38 = \underline{\quad}$

$53 - 18 = \underline{\quad}$

$81 - 29 = \underline{\quad}$

$92 - 24 = \underline{\quad}$

$89 - 65 = \underline{\quad}$

$61 - 44 = \underline{\quad}$

$71 - 62 = \underline{\quad}$

$85 - 37 = \underline{\quad}$

$54 - 17 = \underline{\quad}$

$71 - 18 = \underline{\quad}$

$83 - 44 = \underline{\quad}$

$77 - 14 = \underline{\quad}$

$290 - 47 = \underline{\quad}$

$192 - 69 = \underline{\quad}$

$286 - 81 = \underline{\quad}$

$340 - 14 = \underline{\quad}$

$471 - 17 = \underline{\quad}$

Mental Math 7

$610 - 90 = \underline{\hspace{2cm}}$

$610 - 390 = \underline{\hspace{2cm}}$

$330 - 50 = \underline{\hspace{2cm}}$

$330 - 150 = \underline{\hspace{2cm}}$

$820 - 470 = \underline{\hspace{2cm}}$

$770 - 410 = \underline{\hspace{2cm}}$

$310 - 70 = \underline{\hspace{2cm}}$

$640 - 420 = \underline{\hspace{2cm}}$

$550 - 180 = \underline{\hspace{2cm}}$

$650 - 47 = \underline{\hspace{2cm}}$

$650 - 470 = \underline{\hspace{2cm}}$

$810 - 320 = \underline{\hspace{2cm}}$

$320 - 180 = \underline{\hspace{2cm}}$

$1,960 - 310 = \underline{\hspace{2cm}}$

$5,200 - 70 = \underline{\hspace{2cm}}$

$1,750 - 9 = \underline{\hspace{2cm}}$

$1,220 - 180 = \underline{\hspace{2cm}}$

$2,810 - 860 = \underline{\hspace{2cm}}$

Mental Math 8

$100 - 40 = \underline{\hspace{2cm}}$

$100 - 4 = \underline{\hspace{2cm}}$

$100 - 44 = \underline{\hspace{2cm}}$

$1,000 - 700 = \underline{\hspace{2cm}}$

$1,000 - 70 = \underline{\hspace{2cm}}$

$1,000 - 7 = \underline{\hspace{2cm}}$

$1,000 - 77 = \underline{\hspace{2cm}}$

$1,000 - 777 = \underline{\hspace{2cm}}$

$10,000 - 2,000 = \underline{\hspace{2cm}}$

$10,000 - 200 = \underline{\hspace{2cm}}$

$10,000 - 20 = \underline{\hspace{2cm}}$

$10,000 - 2 = \underline{\hspace{2cm}}$

$10,000 - 22 = \underline{\hspace{2cm}}$

$10,000 - 222 = \underline{\hspace{2cm}}$

$10,000 - 2,222 = \underline{\hspace{2cm}}$

$10,000 - 2,022 = \underline{\hspace{2cm}}$

$10,000 - 2,202 = \underline{\hspace{2cm}}$

$10,000 - 2,220 = \underline{\hspace{2cm}}$

Mental Math 9

$100 - 32 = \underline{\hspace{2cm}}$

$1,000 - 417 = \underline{\hspace{2cm}}$

$10,000 - 6,863 = \underline{\hspace{2cm}}$

$10,000 - 29 = \underline{\hspace{2cm}}$

$1,000 - 804 = \underline{\hspace{2cm}}$

$10,000 - 92 = \underline{\hspace{2cm}}$

$1,000 - 59 = \underline{\hspace{2cm}}$

$1,000 - 430 = \underline{\hspace{2cm}}$

$10,000 - 6,050 = \underline{\hspace{2cm}}$

$1,000 - 997 = \underline{\hspace{2cm}}$

$100 - 8 = \underline{\hspace{2cm}}$

$1,000 - 820 = \underline{\hspace{2cm}}$

$10,000 - 5,890 = \underline{\hspace{2cm}}$

$10,000 - 3,903 = \underline{\hspace{2cm}}$

$10,000 - 905 = \underline{\hspace{2cm}}$

$1,000 - 320 = \underline{\hspace{2cm}}$

$10,000 - 9,044 = \underline{\hspace{2cm}}$

$10,000 - 109 = \underline{\hspace{2cm}}$

Mental Math 10

$100 - 36 = \underline{\hspace{2cm}}$

$800 - 36 = \underline{\hspace{2cm}}$

$4,800 - 36 = \underline{\hspace{2cm}}$

$24,800 - 36 = \underline{\hspace{2cm}}$

$7,000 - 548 = \underline{\hspace{2cm}}$

$6,400 - 77 = \underline{\hspace{2cm}}$

$20,000 - 1,390 = \underline{\hspace{2cm}}$

$8,000 - 409 = \underline{\hspace{2cm}}$

$3,000 - 520 = \underline{\hspace{2cm}}$

$600 - 18 = \underline{\hspace{2cm}}$

$9,000 - 630 = \underline{\hspace{2cm}}$

$31,000 - 974 = \underline{\hspace{2cm}}$

$5,000 - 299 = \underline{\hspace{2cm}}$

$60,000 - 4,517 = \underline{\hspace{2cm}}$

$8,000 - 382 = \underline{\hspace{2cm}}$

$70,000 - 509 = \underline{\hspace{2cm}}$

$90,000 - 9,510 = \underline{\hspace{2cm}}$

$3,000 - 988 = \underline{\hspace{2cm}}$

Mental Math 11

$900 - 432 = \underline{\hspace{2cm}}$

$9,000 - 4,320 = \underline{\hspace{2cm}}$

$90,000 - 43,200 = \underline{\hspace{2cm}}$

$700 - 209 = \underline{\hspace{2cm}}$

$3,000 - 2,906 = \underline{\hspace{2cm}}$

$9,000 - 6,824 = \underline{\hspace{2cm}}$

$80,000 - 59,342 = \underline{\hspace{2cm}}$

$6,000 - 2,790 = \underline{\hspace{2cm}}$

$900 - 817 = \underline{\hspace{2cm}}$

$8,000 - 3,902 = \underline{\hspace{2cm}}$

$8,000 - 4,444 = \underline{\hspace{2cm}}$

$40,000 - 10,321 = \underline{\hspace{2cm}}$

$20,000 - 19,570 = \underline{\hspace{2cm}}$

$7,000 - 6,860 = \underline{\hspace{2cm}}$

$5,000 - 3,081 = \underline{\hspace{2cm}}$

$60,000 - 49,912 = \underline{\hspace{2cm}}$

$80,000 - 70,560 = \underline{\hspace{2cm}}$

$50,000 - 12,356 = \underline{\hspace{2cm}}$

Mental Math 12

$36 + 99 = \underline{\hspace{2cm}}$

$136 + 99 = \underline{\hspace{2cm}}$

$136 + 499 = \underline{\hspace{2cm}}$

$136 + 999 = \underline{\hspace{2cm}}$

$4,136 + 99 = \underline{\hspace{2cm}}$

$47,136 + 499 = \underline{\hspace{2cm}}$

$6,258 + 998 = \underline{\hspace{2cm}}$

$4,067 + 397 = \underline{\hspace{2cm}}$

$298 + 1,503 = \underline{\hspace{2cm}}$

$471 + 399 = \underline{\hspace{2cm}}$

$286 + 998 = \underline{\hspace{2cm}}$

$9,619 + 99 = \underline{\hspace{2cm}}$

$6,997 + 298 = \underline{\hspace{2cm}}$

$88,888 + 699 = \underline{\hspace{2cm}}$

$498 + 2,764 = \underline{\hspace{2cm}}$

$1,999 + 1,998 = \underline{\hspace{2cm}}$

$31,437 + 9,998 = \underline{\hspace{2cm}}$

$24,252 + 21,999 = \underline{\hspace{2cm}}$

Mental Math 13

$1,743 - 9 = \underline{\hspace{2cm}}$

$1,743 - 99 = \underline{\hspace{2cm}}$

$1,743 - 299 = \underline{\hspace{2cm}}$

$46,743 - 299 = \underline{\hspace{2cm}}$

$46,743 - 699 = \underline{\hspace{2cm}}$

$46,743 - 999 = \underline{\hspace{2cm}}$

$2,354 - 98 = \underline{\hspace{2cm}}$

$2,354 - 798 = \underline{\hspace{2cm}}$

$7,954 - 197 = \underline{\hspace{2cm}}$

$3,031 - 298 = \underline{\hspace{2cm}}$

$6,504 - 499 = \underline{\hspace{2cm}}$

$45,555 - 298 = \underline{\hspace{2cm}}$

$80,040 - 699 = \underline{\hspace{2cm}}$

$5,997 - 998 = \underline{\hspace{2cm}}$

$1,001 - 397 = \underline{\hspace{2cm}}$

$2,621 - 1,999 = \underline{\hspace{2cm}}$

$40,405 - 9,998 = \underline{\hspace{2cm}}$

$82,649 - 39,999 = \underline{\hspace{2cm}}$

Mental Math 14

$1,784 - 99 = \underline{\hspace{2cm}}$

$1,784 + 99 = \underline{\hspace{2cm}}$

$2,619 + 298 = \underline{\hspace{2cm}}$

$21,532 - 299 = \underline{\hspace{2cm}}$

$4,809 - 97 = \underline{\hspace{2cm}}$

$6,953 + 197 = \underline{\hspace{2cm}}$

$2,005 - 98 = \underline{\hspace{2cm}}$

$4,712 - 998 = \underline{\hspace{2cm}}$

$5,555 + 299 = \underline{\hspace{2cm}}$

$8,130 - 398 = \underline{\hspace{2cm}}$

$8,998 + 499 = \underline{\hspace{2cm}}$

$197 + 6,069 = \underline{\hspace{2cm}}$

$60,004 - 199 = \underline{\hspace{2cm}}$

$399 + 998 = \underline{\hspace{2cm}}$

$498 + 12,498 = \underline{\hspace{2cm}}$

$997 + 71,698 = \underline{\hspace{2cm}}$

$11,142 - 4,999 = \underline{\hspace{2cm}}$

$64,170 + 27,998 = \underline{\hspace{2cm}}$

Mental Math 15

$124 + 70 = \underline{\hspace{2cm}}$

$124 + 69 = \underline{\hspace{2cm}}$

$3,124 + 69 = \underline{\hspace{2cm}}$

$120 + 169 = \underline{\hspace{2cm}}$

$477 + 58 = \underline{\hspace{2cm}}$

$32,477 + 58 = \underline{\hspace{2cm}}$

$470 + 58 = \underline{\hspace{2cm}}$

$591 + 89 = \underline{\hspace{2cm}}$

$292 + 28 = \underline{\hspace{2cm}}$

$612 + 79 = \underline{\hspace{2cm}}$

$1,449 + 28 = \underline{\hspace{2cm}}$

$733 + 69 = \underline{\hspace{2cm}}$

$730 + 69 = \underline{\hspace{2cm}}$

$5,624 + 78 = \underline{\hspace{2cm}}$

$507 + 149 = \underline{\hspace{2cm}}$

$1,820 + 218 = \underline{\hspace{2cm}}$

$7,042 + 278 = \underline{\hspace{2cm}}$

$16,982 + 19 = \underline{\hspace{2cm}}$

Mental Math 16

$124 - 70 = \underline{\hspace{2cm}}$

$124 - 69 = \underline{\hspace{2cm}}$

$3,124 - 69 = \underline{\hspace{2cm}}$

$120 - 69 = \underline{\hspace{2cm}}$

$477 - 58 = \underline{\hspace{2cm}}$

$32,477 - 58 = \underline{\hspace{2cm}}$

$470 - 58 = \underline{\hspace{2cm}}$

$527 - 89 = \underline{\hspace{2cm}}$

$222 - 78 = \underline{\hspace{2cm}}$

$612 - 79 = \underline{\hspace{2cm}}$

$1,471 - 28 = \underline{\hspace{2cm}}$

$733 - 69 = \underline{\hspace{2cm}}$

$1,370 - 59 = \underline{\hspace{2cm}}$

$5,624 - 78 = \underline{\hspace{2cm}}$

$507 - 149 = \underline{\hspace{2cm}}$

$1,820 - 218 = \underline{\hspace{2cm}}$

$7,692 - 278 = \underline{\hspace{2cm}}$

$16,002 - 19 = \underline{\hspace{2cm}}$

Mental Math 17

$476 + 58 = \underline{\hspace{2cm}}$

$476 - 58 = \underline{\hspace{2cm}}$

$5,604 - 79 = \underline{\hspace{2cm}}$

$5,604 + 79 = \underline{\hspace{2cm}}$

$680 + 740 = \underline{\hspace{2cm}}$

$10,000 - 4,212 = \underline{\hspace{2cm}}$

$6,258 + 998 = \underline{\hspace{2cm}}$

$1,004 - 68 = \underline{\hspace{2cm}}$

$5,000 - 3,079 = \underline{\hspace{2cm}}$

$60,000 - 4,510 = \underline{\hspace{2cm}}$

$10,067 + 397 = \underline{\hspace{2cm}}$

$30,000 - 9,044 = \underline{\hspace{2cm}}$

$2,354 - 798 = \underline{\hspace{2cm}}$

$10,997 - 998 = \underline{\hspace{2cm}}$

$13,418 + 11,503 = \underline{\hspace{2cm}}$

$610 - 390 = \underline{\hspace{2cm}}$

$6,002 - 3,938 = \underline{\hspace{2cm}}$

$60,896 - 12,144 = \underline{\hspace{2cm}}$

Mental Math 18

$12 \times 3 = \underline{\hspace{2cm}}$

$21 \times 4 = \underline{\hspace{2cm}}$

$16 \times 2 = \underline{\hspace{2cm}}$

$9 \times 12 = \underline{\hspace{2cm}}$

$15 \times 4 = \underline{\hspace{2cm}}$

$2 \times 47 = \underline{\hspace{2cm}}$

$3 \times 25 = \underline{\hspace{2cm}}$

$15 \times 5 = \underline{\hspace{2cm}}$

$39 \times 3 = \underline{\hspace{2cm}}$

$4 \times 25 = \underline{\hspace{2cm}}$

$13 \times 7 = \underline{\hspace{2cm}}$

$19 \times 4 = \underline{\hspace{2cm}}$

$36 \times 2 = \underline{\hspace{2cm}}$

$35 \times 3 = \underline{\hspace{2cm}}$

$9 \times 13 = \underline{\hspace{2cm}}$

$7 \times 15 = \underline{\hspace{2cm}}$

$3 \times 14 = \underline{\hspace{2cm}}$

$15 \times 8 = \underline{\hspace{2cm}}$

Mental Math 19

$25 \times 5 = \underline{\quad}$

$9 \times 81 = \underline{\quad}$

$18 \times 9 = \underline{\quad}$

$64 \times 6 = \underline{\quad}$

$6 \times 46 = \underline{\quad}$

$8 \times 23 = \underline{\quad}$

$32 \times 8 = \underline{\quad}$

$55 \times 5 = \underline{\quad}$

$74 \times 7 = \underline{\quad}$

$47 \times 6 = \underline{\quad}$

$52 \times 4 = \underline{\quad}$

$8 \times 77 = \underline{\quad}$

$3 \times 99 = \underline{\quad}$

$607 \times 2 = \underline{\quad}$

$2 \times 813 = \underline{\quad}$

$5 \times 408 = \underline{\quad}$

$712 \times 3 = \underline{\quad}$

$852 \times 2 = \underline{\quad}$

Mental Math 20

$55 \div 5 = \underline{\quad}$

$48 \div 2 = \underline{\quad}$

$99 \div 3 = \underline{\quad}$

$80 \div 4 = \underline{\quad}$

$34 \div 2 = \underline{\quad}$

$70 \div 5 = \underline{\quad}$

$45 \div 3 = \underline{\quad}$

$90 \div 3 = \underline{\quad}$

$85 \div 5 = \underline{\quad}$

$92 \div 4 = \underline{\quad}$

$86 \div 2 = \underline{\quad}$

$78 \div 2 = \underline{\quad}$

$98 \div 2 = \underline{\quad}$

$57 \div 3 = \underline{\quad}$

$84 \div 7 = \underline{\quad}$

$72 \div 4 = \underline{\quad}$

$74 \div 2 = \underline{\quad}$

$81 \div 3 = \underline{\quad}$

Mental Math 21

$66 \div 2 = \underline{\quad}$

$38 \div 2 = \underline{\quad}$

$96 \div 6 = \underline{\quad}$

$94 \div 2 = \underline{\quad}$

$72 \div 3 = \underline{\quad}$

$58 \div 2 = \underline{\quad}$

$80 \div 5 = \underline{\quad}$

$51 \div 3 = \underline{\quad}$

$93 \div 3 = \underline{\quad}$

$90 \div 2 = \underline{\quad}$

$98 \div 7 = \underline{\quad}$

$75 \div 3 = \underline{\quad}$

$64 \div 4 = \underline{\quad}$

$92 \div 4 = \underline{\quad}$

$95 \div 5 = \underline{\quad}$

$87 \div 3 = \underline{\quad}$

$44 \div 4 = \underline{\quad}$

$70 \div 2 = \underline{\quad}$

Mental Math 22

$29 \div 2$ is ___ R ___

$62 \div 3$ is ___ R ___

$94 \div 5$ is ___ R ___

$75 \div 6$ is ___ R ___

$65 \div 3$ is ___ R ___

$80 \div 7$ is ___ R ___

$53 \div 2$ is ___ R ___

$79 \div 3$ is ___ R ___

$97 \div 2$ is ___ R ___

$85 \div 2$ is ___ R ___

$70 \div 3$ is ___ R ___

$50 \div 4$ is ___ R ___

$62 \div 5$ is ___ R ___

$79 \div 4$ is ___ R ___

$73 \div 2$ is ___ R ___

$82 \div 6$ is ___ R ___

$50 \div 3$ is ___ R ___

$94 \div 8$ is ___ R ___

Mental Math 23

$112 \div 4 =$ _____

$110 \div 5 =$ _____

$108 \div 2 =$ _____

$114 \div 2 =$ _____

$120 \div 6 =$ _____

$120 \div 8 =$ _____

$111 \div 3 =$ _____

$105 \div 7 =$ _____

$110 \div 2 =$ _____

$120 \div 5 =$ _____

$114 \div 3 =$ _____

$108 \div 9 =$ _____

$112 \div 7 =$ _____

$102 \div 6 =$ _____

$114 \div 6 =$ _____

$117 \div 9 =$ _____

$105 \div 3 =$ _____

$116 \div 4 =$ _____

Mental Math 24

$102 \div 4$ _____

$94 \div 6$ _____

$65 \div 5$ _____

$119 \div 3$ _____

$116 \div 2$ _____

$97 \div 7$ _____

$54 \div 4$ _____

$121 \div 3$ _____

$118 \div 2$ _____

$42 \div 3$ _____

$100 \div 8$ _____

$108 \div 3$ _____

$78 \div 5$ _____

$57 \div 2$ _____

$98 \div 4$ _____

$100 \div 5$ _____

$102 \div 3$ _____

$88 \div 6$ _____

Mental Math 25

$8,000 \times 3 = \underline{\hspace{2cm}}$

$600 \times 9 = \underline{\hspace{2cm}}$

$8 \times 500 = \underline{\hspace{2cm}}$

$9 \times 120 = \underline{\hspace{2cm}}$

$1,600 \times 4 = \underline{\hspace{2cm}}$

$2 \times 720 = \underline{\hspace{2cm}}$

$3 \times 35,000 = \underline{\hspace{2cm}}$

$1,200 \times 5 = \underline{\hspace{2cm}}$

$390 \times 3 = \underline{\hspace{2cm}}$

$4 \times 4,500 = \underline{\hspace{2cm}}$

$18,000 \times 7 = \underline{\hspace{2cm}}$

$150 \times 4 = \underline{\hspace{2cm}}$

$3,500 \times 2 = \underline{\hspace{2cm}}$

$5,500 \times 3 = \underline{\hspace{2cm}}$

$9 \times 13,000 = \underline{\hspace{2cm}}$

$7 \times 260 = \underline{\hspace{2cm}}$

$3 \times 2,400 = \underline{\hspace{2cm}}$

$25,000 \times 8 = \underline{\hspace{2cm}}$

Mental Math 26

$99 \times 2 = \underline{\hspace{2cm}}$

$99 \times 8 = \underline{\hspace{2cm}}$

$199 \times 3 = \underline{\hspace{2cm}}$

$199 \times 6 = \underline{\hspace{2cm}}$

$299 \times 5 = \underline{\hspace{2cm}}$

$7 \times 399 = \underline{\hspace{2cm}}$

$399 \times 4 = \underline{\hspace{2cm}}$

$699 \times 9 = \underline{\hspace{2cm}}$

$3 \times 599 = \underline{\hspace{2cm}}$

$899 \times 2 = \underline{\hspace{2cm}}$

$799 \times 7 = \underline{\hspace{2cm}}$

$699 \times 4 = \underline{\hspace{2cm}}$

$9 \times 299 = \underline{\hspace{2cm}}$

$6 \times 399 = \underline{\hspace{2cm}}$

$98 \times 5 = \underline{\hspace{2cm}}$

$198 \times 3 = \underline{\hspace{2cm}}$

$999 \times 2 = \underline{\hspace{2cm}}$

$1,999 \times 4 = \underline{\hspace{2cm}}$

Mental Math 27

$30 \times 40 = \underline{\hspace{2cm}}$

$300 \times 70 = \underline{\hspace{2cm}}$

$80 \times 500 = \underline{\hspace{2cm}}$

$60 \times 60 = \underline{\hspace{2cm}}$

$40 \times 900 = \underline{\hspace{2cm}}$

$6,000 \times 70 = \underline{\hspace{2cm}}$

$120 \times 40 = \underline{\hspace{2cm}}$

$910 \times 90 = \underline{\hspace{2cm}}$

$40 \times 250 = \underline{\hspace{2cm}}$

$20 \times 180 = \underline{\hspace{2cm}}$

$340 \times 30 = \underline{\hspace{2cm}}$

$160 \times 50 = \underline{\hspace{2cm}}$

$550 \times 300 = \underline{\hspace{2cm}}$

$420 \times 50 = \underline{\hspace{2cm}}$

$80 \times 260 = \underline{\hspace{2cm}}$

$400 \times 320 = \underline{\hspace{2cm}}$

$1,500 \times 300 = \underline{\hspace{2cm}}$

$400 \times 1,800 = \underline{\hspace{2cm}}$

Mental Math 28

$25 \times 12 = \underline{\hspace{2cm}}$

$25 \times 28 = \underline{\hspace{2cm}}$

$24 \times 25 = \underline{\hspace{2cm}}$

$320 \times 25 = \underline{\hspace{2cm}}$

$15 \times 16 = \underline{\hspace{2cm}}$

$35 \times 12 = \underline{\hspace{2cm}}$

$18 \times 45 = \underline{\hspace{2cm}}$

$55 \times 22 = \underline{\hspace{2cm}}$

$50 \times 124 = \underline{\hspace{2cm}}$

$446 \times 50 = \underline{\hspace{2cm}}$

$25 \times 484 = \underline{\hspace{2cm}}$

$32 \times 125 = \underline{\hspace{2cm}}$

$125 \times 48 = \underline{\hspace{2cm}}$

$72 \times 125 = \underline{\hspace{2cm}}$

$704 \times 6 = \underline{\hspace{2cm}}$

$908 \times 9 = \underline{\hspace{2cm}}$

$208 \times 12 = \underline{\hspace{2cm}}$

$602 \times 24 = \underline{\hspace{2cm}}$

Mental Math 29

$6,000 \div 3 = \underline{\hspace{2cm}}$

$350 \div 5 = \underline{\hspace{2cm}}$

$1,600 \div 4 = \underline{\hspace{2cm}}$

$3,200 \div 8 = \underline{\hspace{2cm}}$

$40,000 \div 5 = \underline{\hspace{2cm}}$

$5,600 \div 8 = \underline{\hspace{2cm}}$

$5,600 \div 4 = \underline{\hspace{2cm}}$

$78,000 \div 2 = \underline{\hspace{2cm}}$

$570 \div 3 = \underline{\hspace{2cm}}$

$4,500 \div 3 = \underline{\hspace{2cm}}$

$980 \div 2 = \underline{\hspace{2cm}}$

$9,200 \div 4 = \underline{\hspace{2cm}}$

$84,000 \div 7 = \underline{\hspace{2cm}}$

$700 \div 5 = \underline{\hspace{2cm}}$

$4,800 \div 3 = \underline{\hspace{2cm}}$

$1,204 \div 4 = \underline{\hspace{2cm}}$

$4,050 \div 5 = \underline{\hspace{2cm}}$

$24,012 \div 3 = \underline{\hspace{2cm}}$

Mental Math 30

Circle fractions that are in simplest form.

$\frac{2}{3}$

$\frac{9}{24}$

$\frac{11}{29}$

$\frac{5}{42}$

$\frac{14}{26}$

$\frac{42}{100}$

$\frac{9}{56}$

$\frac{15}{69}$

$\frac{23}{95}$

$\frac{184}{162}$

$\frac{39}{87}$

$\frac{7}{91}$

$\frac{9}{71}$

$\frac{13}{34}$

Mental Math 31

Express each fraction
in simplest form.

$$\frac{6}{9}$$

$$\frac{6}{18}$$

$$\frac{5}{45}$$

$$\frac{9}{24}$$

$$\frac{10}{35}$$

$$\frac{15}{45}$$

$$\frac{14}{36}$$

$$\frac{7}{91}$$

$$\frac{12}{72}$$

$$\frac{18}{63}$$

$$\frac{48}{100}$$

$$\frac{26}{78}$$

$$\frac{162}{198}$$

Mental Math 32

Circle fractions that
are less than $\frac{1}{2}$.

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

$$\frac{3}{8}$$

$$\frac{7}{18}$$

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

$$\frac{6}{13}$$

$$\frac{9}{16}$$

$$\frac{14}{26}$$

$$\frac{11}{25}$$

$$\frac{17}{32}$$

$$\frac{19}{41}$$

$$\frac{39}{87}$$

$$\frac{50}{103}$$

$$\frac{89}{150}$$

MM 1	MM 2	MM 3	MM 4	MM 5	MM 6	MM 7	MM 8	MM 9
10	79	920	75	7	42	520	60	68
12	109	610	43	77	37	220	96	583
70	80	830	447	577	35	280	56	3137
72	85	840	664	50	52	180	300	9,971
85	135	780	876	48	68	350	930	196
61	103	330	908	448	24	360	993	9,908
92	181	750	82	15	17	240	923	941
350	85	930	709	78	9	220	223	570
354	149	220	155	93	48	370	8,000	3,950
472	74	720	811	705	37	603	9,800	3
497	122	890	428	764	53	180	9,980	92
831	125	1,260	619	427	39	490	9,998	180
186	136	1,270	903	611	63	140	9,978	4,110
744	90	1,330	821	909	243	1,650	9,778	6,097
958	134	1,670	626	827	123	5,130	7,778	9,095
837	161	1,740	272	619	205	1,741	7,978	680
400	127	1,020	194	98	326	1,040	7,798	956
503	154	1,650	597	293	454	1,950	7,780	9,891
MM 10	MM 11	MM 12	MM 13	MM 14	MM 15			
64	468	135	1,734	1,685	194			
764	4,680	235	1,644	1,883	193			
4,764	46,800	635	1,444	2,917	3,193			
24,764	491	1,135	46,444	21,233	289			
6,452	94	4,235	46,044	4,712	535			
6,323	2,176	47,635	45,744	7,150	32,535			
18,610	20,658	7,256	2,256	1,907	528			
7,591	3,210	4,464	1,556	3,714	680			
2,480	83	1,801	7,757	5,854	320			
582	4,098	870	2,733	7,732	691			
8,370	3,556	1,284	6,005	9,497	1,477			
30,026	29,679	9,718	45,257	6,266	802			
4,701	430	7,295	79,341	59,805	799			
55,483	140	89,587	4,999	1,397	5,702			
7,618	1,919	3,262	604	12,996	656			
69,491	10,088	3,997	622	72,695	2,038			
80,490	9,440	41,435	30,407	6,143	7,320			
2,012	37,644	46,251	42,650	92,168	17,001			

MM 16	MM 17	MM 18	MM 19	MM 20	MM21	MM 22	MM 23	MM 24
54	534	36	125	11	33	14, 1	28	25 R 2
55	418	84	729	24	19	20, 2	22	15 R 4
3,055	5,525	32	162	33	16	18, 4	54	13
51	5,683	108	384	20	47	12, 3	57	39 R 2
419	1,420	60	276	17	24	21, 2	20	58
32,419	5,788	94	184	14	29	11, 3	15	13 R 6
412	7,256	75	256	15	16	26, 1	37	13 R 2
438	936	75	275	30	17	26, 1	15	40 R 1
144	1,921	117	518	17	31	48, 1	55	59
533	55,490	100	282	23	45	42, 1	24	14
1,443	10,464	91	208	43	14	23, 1	38	12 R 4
664	20,956	76	616	39	25	12, 2	12	36
1,311	1,556	72	297	49	16	12, 2	16	15 R 3
5,546	9,999	105	1,214	19	23	19, 3	17	28 R 1
358	24,921	117	1,626	12	19	36, 1	19	24 R 2
1,602	220	105	2,040	18	29	13, 4	13	20
7,414	2,064	42	2,136	37	11	16, 2	35	34
15,983	48,752	120	1,704	27	35	11, 6	29	14 R 4

MM 25	MM 26	MM 27	MM 28	MM 29	MM 30	MM 31	MM 32
24,000	198	1,200	300	2,000	$\frac{2}{3}$	$\frac{2}{3}$	$\frac{5}{9}$
5,400	792	21,000	700	70	$\frac{9}{24}$	$\frac{1}{3}$	$\frac{3}{8}$
4,000	597	40,000	600	400	$\frac{11}{29}$	$\frac{1}{9}$	$\frac{7}{18}$
1,080	1,194	3,600	8,000	400	$\frac{5}{42}$	$\frac{3}{8}$	$\frac{7}{12}$
6,400	1,495	36,000	240	8,000	$\frac{14}{26}$	$\frac{2}{7}$	$\frac{6}{13}$
1,440	2,793	420,000	420	700	$\frac{42}{100}$	$\frac{1}{3}$	$\frac{9}{16}$
105,000	1,596	4,800	810	1,400	$\frac{9}{56}$	$\frac{7}{18}$	$\frac{14}{26}$
6,000	6,291	81,900	1,210	39,000	$\frac{15}{69}$	$\frac{1}{13}$	$\frac{11}{25}$
1,170	1,797	10,000	6,200	190	$\frac{23}{95}$	$\frac{1}{6}$	$\frac{17}{32}$
18,000	1,798	3,600	22,300	1,500	$\frac{184}{162}$	$\frac{2}{7}$	$\frac{19}{41}$
126,000	5,593	10,200	12,100	490	$\frac{39}{87}$	$\frac{12}{25}$	$\frac{39}{87}$
600	2,796	8,000	4,000	2,300	$\frac{7}{91}$	$\frac{1}{3}$	$\frac{50}{103}$
7,000	2,691	165,000	6,000	12,000	$\frac{9}{71}$	$\frac{9}{11}$	$\frac{89}{150}$
16,500	2,394	21,000	9,000	140	$\frac{13}{34}$		
117,000	490	20,800	4,224	1,600			
1,820	594	128,000	8,172	301			
7,200	1,998	450,000	2,496	810			
200,000	7,996	720,000	14,448	8,004			