



Ikigai Math

PRIMARY

TOPICAL MASTERY SERIES

Fractions

SOLUTIONS



Building Fundamentals

TOPICAL MASTERY SERIES SOLUTION

SECTION 1

PART B	One-half	One-fifth
	One-third	One-sixth
	One-quarter	One-twelfth

PART C	1)	$\frac{3}{10}$	2)	$\frac{1}{3}$	3)	$\frac{3}{8}$
	4)	$\frac{4}{9}$	5)	$\frac{2}{7}$		

SECTION 2

PART A

1)	(a)	20	(b)	6	(c)	6
	(d)	30	(e)	40	(f)	36
2)	(a)	15	(b)	28	(c)	12, 3
	(d)	28, 12	(e)	8, 18		

PART B

1)	(a)	$2\frac{1}{7}$	(b)	$3\frac{1}{8}$	(c)	$7\frac{1}{4}$	(d)	$7\frac{2}{9}$
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PART C

2)	(a)	$\frac{21}{4}$	(b)	$\frac{39}{9}$	(c)	$\frac{74}{11}$	(d)	$\frac{37}{15}$
3)		45						
4)		33						
5)		38						
6)		98						

TOPICAL MASTERY SERIES SOLUTION

SECTION 3

PART B

- 1) (a) Greatest $\frac{5}{7}$ smallest $\frac{1}{7}$
 (b) Greatest $\frac{1}{9}$ smallest $\frac{1}{11}$
 (c) Greatest $\frac{6}{7}$ smallest $\frac{3}{8}$
 (d) Greatest $\frac{15}{20}$ smallest $\frac{1}{6}$

- 2) (a) $\frac{1}{2}$, $\frac{4}{7}$, $\frac{2}{3}$, $\frac{7}{12}$
 (b) $\frac{1}{3}$, $\frac{3}{4}$, $\frac{5}{6}$, $\frac{11}{12}$

- 3) (a) $\frac{4}{7}$, $\frac{1}{2}$, $\frac{4}{9}$, $\frac{2}{5}$
 (b) $\frac{3}{6}$, $\frac{1}{3}$, $\frac{3}{12}$, $\frac{1}{12}$

- 4) option **b** 5) option **a**

SECTION 4

- (a) $\frac{7}{8}$ (b) $\frac{7}{12}$ (c) $1\frac{2}{3}$
 (d) $7\frac{5}{6}$ (e) $6\frac{4}{9}$ (f) $4\frac{13}{30}$

SECTION 5

- (a) $\frac{11}{20}$ (b) $\frac{1}{18}$ (c) $\frac{7}{9}$
(d) $6\frac{3}{11}$ (e) $4\frac{11}{20}$ (f) $3\frac{16}{35}$
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SECTION 6

- 1) $\frac{4}{9}$ 2) $1\frac{1}{4}$ 3) $9\frac{2}{5}$ 4) $4\frac{1}{10}$
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SECTION 7

- 1) 11 2) 4 3) 3 4) 15