

IMKH California



GRADE 4

Teacher Resource Copy
Masters

UNITS 3-4



Kendall Hunt

Book 2
Certified by Illustrative Mathematics®

© 2025 Illustrative Mathematics, <https://www.illustrativemathematics.org/>, and licensed under the Creative Commons Attribution-NonCommercial 4.0 International License (CC BY-NC 4.0), <https://creativecommons.org/licenses/by-nc/4.0/>.

The Illustrative Mathematics name and logo are not subject to the Creative Commons license and may not be used without the prior and express written consent of Illustrative Mathematics.

This book includes public domain images or openly licensed images that are copyrighted by their respective owners. Openly licensed images remain under the terms of their respective licenses. See the image attribution section for more information.

The Kendall Hunt name, logo, and cover artwork are not subject to the Creative Commons license and may not be used without the prior and express written consent of Kendall Hunt.

ISBN 979835167715

K5_vII

20240302

 GRADE 4

UNIT

3

Teacher Resource Copy
Masters

LESSON BLACKLINE MASTERS

address	title	students per copy	written on?	requires cutting?	card stock recommended?	color paper recommended?	used multiple times?	used as a center material?
Activity Grade4.3.2.1	Card Sort Expressions and Diagrams Cards	2	no	yes	no	no	no	no
Activity Grade4.3.8.3	Jump Forward Cards	2	no	yes	no	no	no	no
Activity Grade4.3.9.3	Jump Back Cards	2	no	yes	no	no	no	no
Activity Grade4.3.10.2	Card Sort Twelfths Cards	2	no	yes	no	no	no	no
Activity Grade4.3.17.1	Card Sort Less than Equal to or Greater than 1 Cards	2	no	yes	no	no	no	no
Activity Grade4.3.17.3	Fraction Action Tenths Hundredths Cards	2	no	yes	no	no	no	no
Activity Grade4.3.19.3	Find a Match Cards	24	no	yes	no	no	no	no

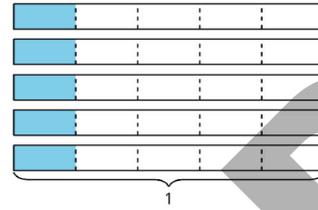
Card Sort: Expressions and Diagrams

A

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

Card Sort: Expressions and Diagrams

B



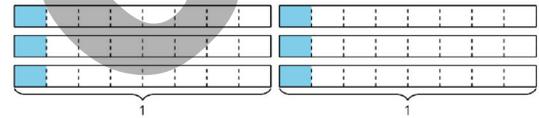
Card Sort: Expressions and Diagrams

C

$$5 \times 3$$

Card Sort: Expressions and Diagrams

D



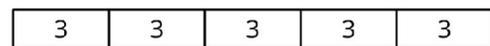
Card Sort: Expressions and Diagrams

E

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

Card Sort: Expressions and Diagrams

F



Card Sort: Expressions and Diagrams

G

$$6 \times \frac{1}{8}$$

Card Sort: Expressions and Diagrams

H



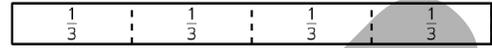
Card Sort: Expressions and Diagrams

I

$$5 \times \frac{1}{5}$$

Card Sort: Expressions and Diagrams

J



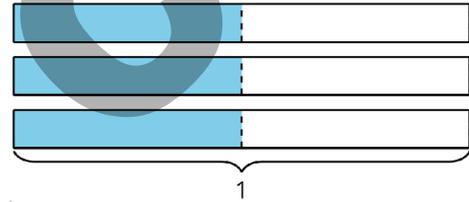
Card Sort: Expressions and Diagrams

K

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

Card Sort: Expressions and Diagrams

L



Card Sort: Expressions and Diagrams

M

$$6 \times \frac{1}{6}$$

Card Sort: Expressions and Diagrams

N

$$2 \times \frac{1}{12}$$

Card Sort: Expressions and Diagrams

O

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

Card Sort: Expressions and Diagrams

P

$$3 \times 4$$

Jump Forward

$$1 \text{ | } 3$$

Jump Forward

$$2 \text{ | } 3$$

Jump Forward

$$3 \text{ | } 3$$

Jump Forward

$$4 \text{ | } 3$$

Jump Forward

$$5 \text{ | } 3$$

Jump Forward

$$6 \text{ | } 3$$

Jump Forward

$$7 \text{ | } 3$$

Jump Forward

$$8 \text{ | } 3$$

Jump Back

$$8 \frac{1}{5}$$

Jump Back

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

Jump Back

$$10 \frac{1}{5}$$

Jump Back

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

Jump Back

$$12 \frac{1}{5}$$

Jump Back

$$13 \frac{1}{5}$$

Jump Back

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

Jump Back

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

Card Sort: Twelfths

A

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

Card Sort: Twelfths

B

$$\frac{12}{12} + \frac{12}{12} - \frac{5}{12}$$

Card Sort: Twelfths

C

$$\frac{24}{12} - \frac{5}{12}$$

Card Sort: Twelfths

D

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

Card Sort: Twelfths

E

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

Card Sort: Twelfths

F

$$2 - \frac{5}{12}$$

Card Sort: Twelfths

G

$$\frac{12}{12} - \frac{5}{12}$$

Card Sort: Twelfths

H

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

Card Sort: Twelfths

I

$$1 + 1 - \frac{5}{12}$$

Card Sort: Twelfths

J

$$1 + \frac{12}{12} - \frac{5}{12}$$

Card Sort: Less than, Equal to, or Greater than 1?

A

$$\frac{10}{100} + \frac{8}{10}$$

Card Sort: Less than, Equal to, or Greater than 1?

B

$$\frac{80}{100} + \frac{2}{10}$$

Card Sort: Less than, Equal to, or Greater than 1?

C

$$\frac{20}{10} + \frac{30}{100}$$

Card Sort: Less than, Equal to, or Greater than 1?

D

$$\frac{7}{10} + \frac{8}{100}$$

Card Sort: Less than, Equal to, or Greater than 1?

E

$$\frac{22}{100} + \frac{8}{100}$$

Card Sort: Less than, Equal to, or Greater than 1?

F

$$\frac{12}{10} + \frac{8}{100}$$

Card Sort: Less than, Equal to, or Greater than 1?

G

$$\frac{12}{100} + \frac{12}{10}$$

Card Sort: Less than, Equal to, or Greater than 1?

H

$$\frac{73}{100} + \frac{3}{10}$$

Card Sort: Less than, Equal to, or Greater than 1?

I

$$\frac{150}{100} + \frac{1}{10}$$

Card Sort: Less than, Equal to, or Greater than 1?

J

$$\frac{9}{10} + \frac{11}{100}$$

Card Sort: Less than, Equal to, or Greater than 1?

K

$$\frac{10}{100} + \frac{9}{10}$$

Card Sort: Less than, Equal to, or Greater than 1?

L

$$\frac{6}{10} + \frac{39}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{1}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{2}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{3}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{4}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{11}{10}$$

Fraction Action: Tenths and Hundredths

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

Fraction Action: Tenths and Hundredths

$$\frac{9}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{8}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{12}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{15}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{18}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{20}{10}$$

Fraction Action: Tenths and Hundredths

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

Fraction Action: Tenths and Hundredths

$$\frac{48}{10}$$

Fraction Action: Tenths and Hundredths

$$\frac{1}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{2}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{5}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{8}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{9}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{10}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{12}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{14}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{16}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{17}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{25}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{30}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{36}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{40}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{41}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{45}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{50}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{62}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{68}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{75}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{80}{100}$$

Fraction Action: Tenths and Hundredths

$$\frac{91}{100}$$

Find a Match
A

$$11 \times \frac{8}{6}$$

Find a Match
B

$$8 \times \frac{7}{10}$$

Find a Match
C

$$3\frac{5}{12} + \frac{7}{12}$$

Find a Match
D

$$9 \times \frac{21}{5}$$

Find a Match
E

$$8 - 1\frac{4}{6}$$

Find a Match
F

$$3\frac{4}{10} + 1\frac{7}{100}$$

Find a Match
G

$$4 \times \frac{20}{3}$$

Find a Match
H

$$10\frac{7}{8} + \frac{9}{8}$$

Find a Match
I

$$9\frac{3}{10} - 8\frac{3}{100}$$

Find a Match

J

$$3\frac{5}{12} - \frac{7}{12}$$

Find a Match

K

$$\frac{61}{100} + \frac{9}{100} + \frac{1}{10}$$

Find a Match

L

$$5 - \frac{11}{3}$$

Find a Match

1

$$1\frac{2}{6} + \frac{9}{6}$$

Find a Match

2

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

Find a Match

3

$$3\frac{4}{6} - \frac{14}{6}$$

Find a Match

4

$$5\frac{1}{12} - \frac{13}{12}$$

Find a Match

5

$$\frac{44}{10} + \frac{7}{100}$$

Find a Match

6

$$1\frac{4}{10} - \frac{13}{100}$$

Find a Match
7

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

Find a Match
8

$$5 \times 2 \times \frac{8}{3}$$

Find a Match
9

$$4 \times \frac{11}{6} \times 2$$

Find a Match
10

$$\frac{5}{6} + \frac{5}{6}$$

Find a Match
11

$$\frac{15}{4} + \frac{25}{4} + 1\frac{3}{4} + \frac{1}{4}$$

Find a Match
12

$$\frac{4}{10} \times 2 \times 7$$

 GRADE 4

UNIT

4

Teacher Resource Copy
Masters

LESSON BLACKLINE MASTERS

address	title	students per copy	written on?	requires cutting?	card stock recommended?	color paper recommended?	used multiple times?	used as a center material?
Activity Grade4.4.2.1	Card Sort Diagrams of Fractions and Decimals	2	no	yes	no	no	no	no
Activity Grade4.4.5.1	Order Once Order Twice Cards	2	no	yes	no	no	no	no
Activity Grade4.4.6.1	Build Numbers 1-5 Digit Cards	4	no	yes	no	no	no	no
Activity Grade4.4.6.2	10-by-10 Square Grids v.II	1	yes	yes	no	no	no	no
Activity Grade4.4.9.1	Card Sort Large Numbers Cards	2	no	yes	no	no	no	no
Activity Grade4.4.14.1	On Which Line Do They Belong Number Line Template	30	yes	yes	no	no	no	no
Activity Grade4.4.22.2	0-9 Digit Cards	2	no	yes	no	no	yes	no

Card Sort: Diagrams of Fractions and Decimals

A

$$\frac{4}{10}$$

Card Sort: Diagrams of Fractions and Decimals

B

$$1\frac{40}{100}$$

Card Sort: Diagrams of Fractions and Decimals

C

$$0.14$$

Card Sort: Diagrams of Fractions and Decimals

D

$$1.40$$

Card Sort: Diagrams of Fractions and Decimals

E

$$1.4$$

Card Sort: Diagrams of Fractions and Decimals

F

$$0.40$$

Card Sort: Diagrams of Fractions and Decimals

G

$$\frac{4}{100}$$

Card Sort: Diagrams of Fractions and Decimals

H

$$\frac{14}{100}$$

Card Sort: Diagrams of Fractions and Decimals

I

0.04

Card Sort: Diagrams of Fractions and Decimals

J

0.4

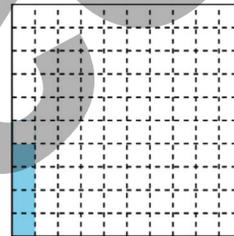
Card Sort: Diagrams of Fractions and Decimals

K

$$\frac{40}{100}$$

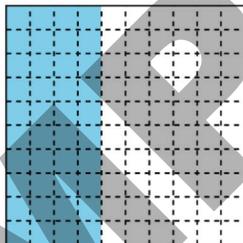
Card Sort: Diagrams of Fractions and Decimals

L



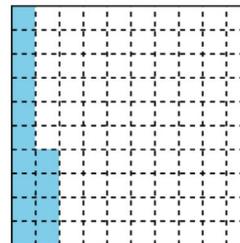
Card Sort: Diagrams of Fractions and Decimals

M



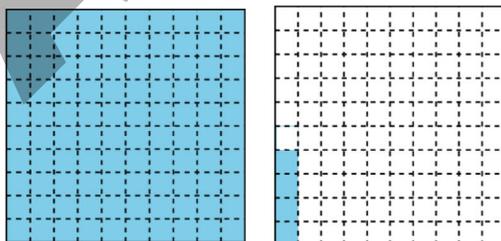
Card Sort: Diagrams of Fractions and Decimals

N



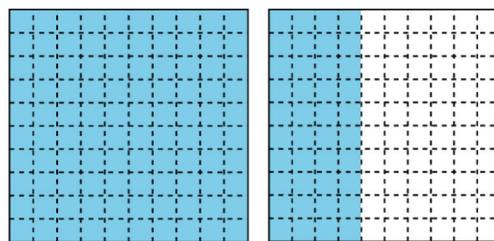
Card Sort: Diagrams of Fractions and Decimals

O



Card Sort: Diagrams of Fractions and Decimals

P



Order Once, Order Twice

Set A

$$1\frac{6}{10}$$

Order Once, Order Twice

Set B

$$\frac{24}{100}$$

Order Once, Order Twice

Set A

$$1.06$$

Order Once, Order Twice

Set B

$$2.40$$

Order Once, Order Twice

Set A

$$\frac{116}{100}$$

Order Once, Order Twice

Set B

$$2.04$$

Order Once, Order Twice

Set A

$$2.6$$

Order Once, Order Twice

Set B

$$1\frac{4}{100}$$

Order Once, Order Twice

Set A

$$0.96$$

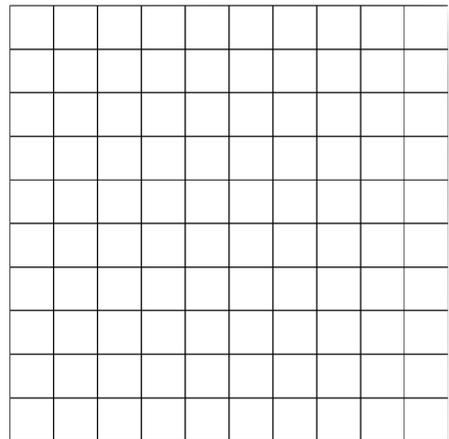
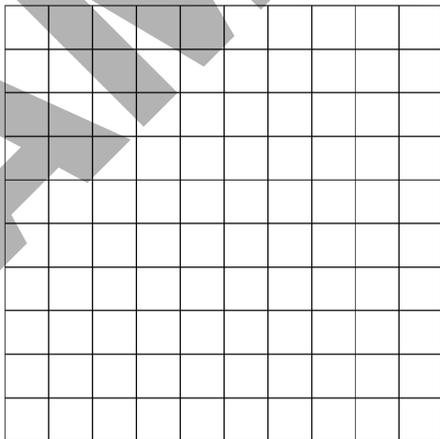
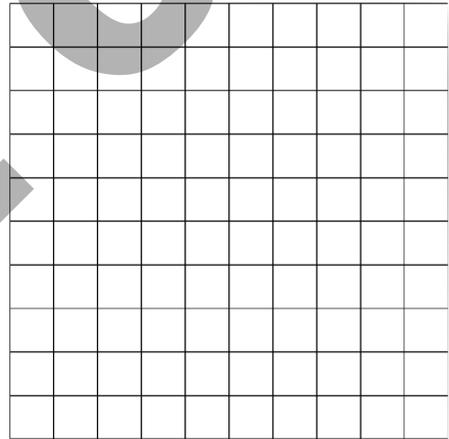
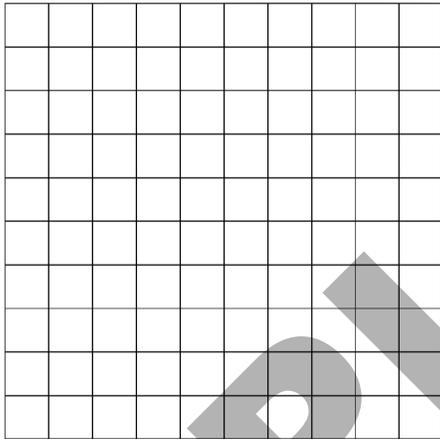
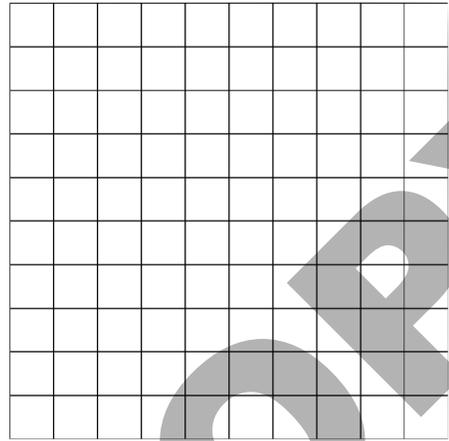
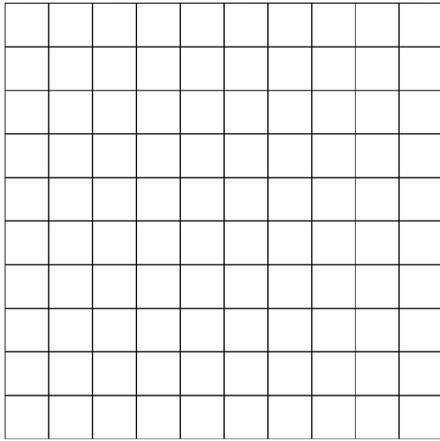
Order Once, Order Twice

Set B

$$1.24$$

1	1
2	2
3	3
4	4
5	5

SAMPLE COPY



SAMPLE COPY

Card Sort: Large Numbers
A

186,000

Card Sort: Large Numbers
B

375,000

Card Sort: Large Numbers
C

18,600

Card Sort: Large Numbers
D

37,500

Card Sort: Large Numbers
E

499,000

Card Sort: Large Numbers
F

3,750

Card Sort: Large Numbers
G

49,900

Card Sort: Large Numbers
H

1,860

Card Sort: Large Numbers
I

4,990

JOIN



100,000

JOIN

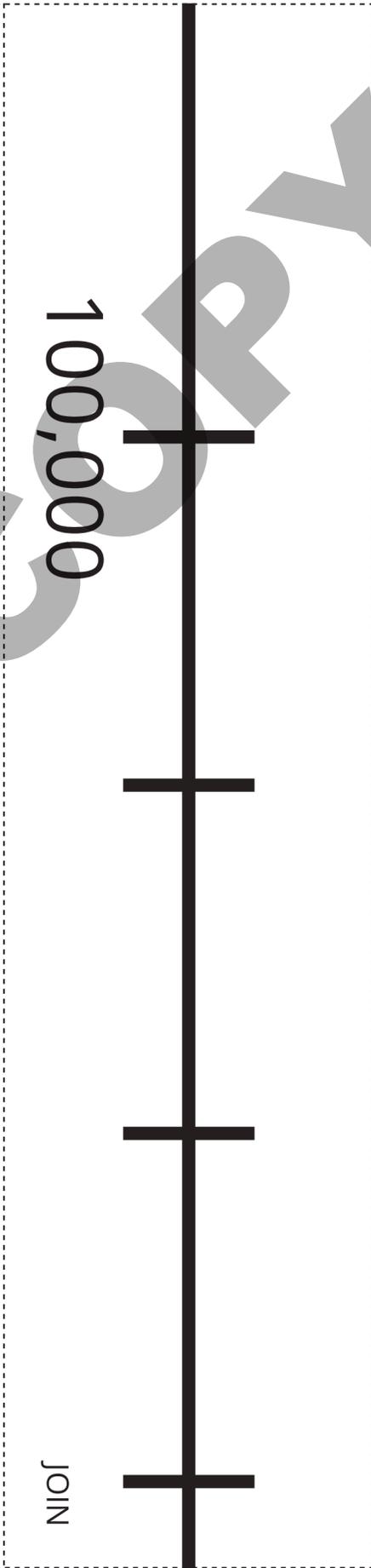
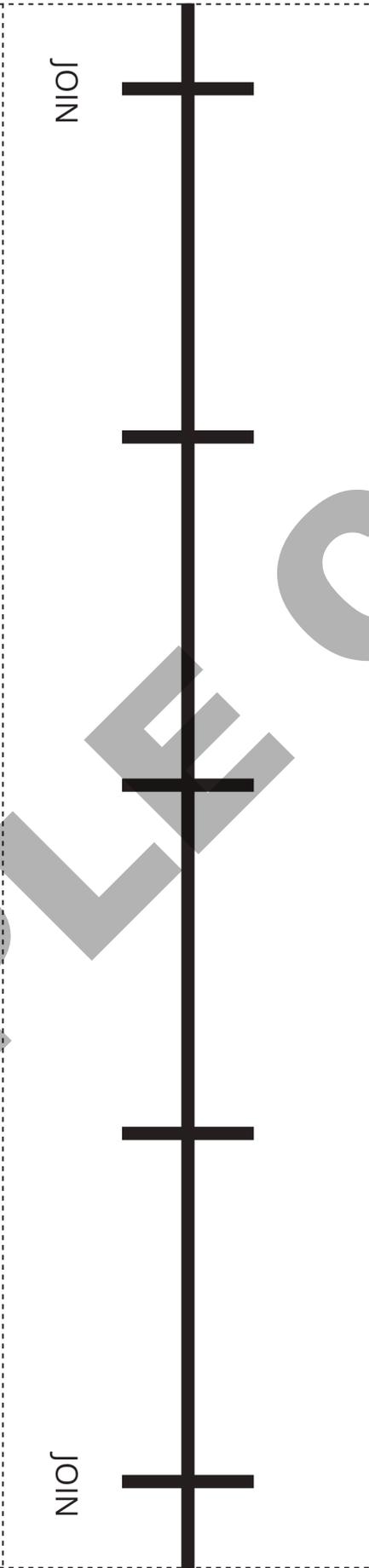
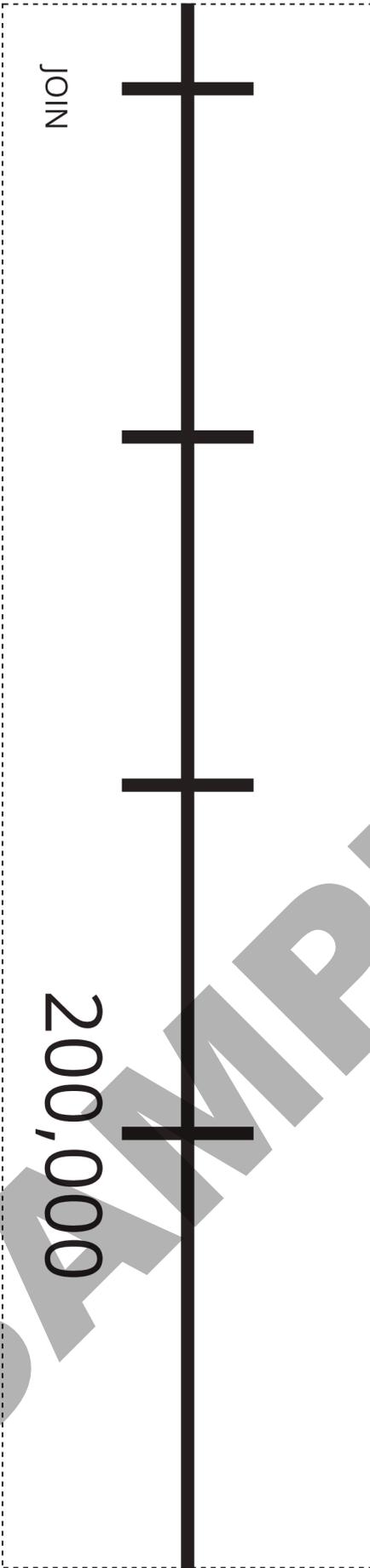


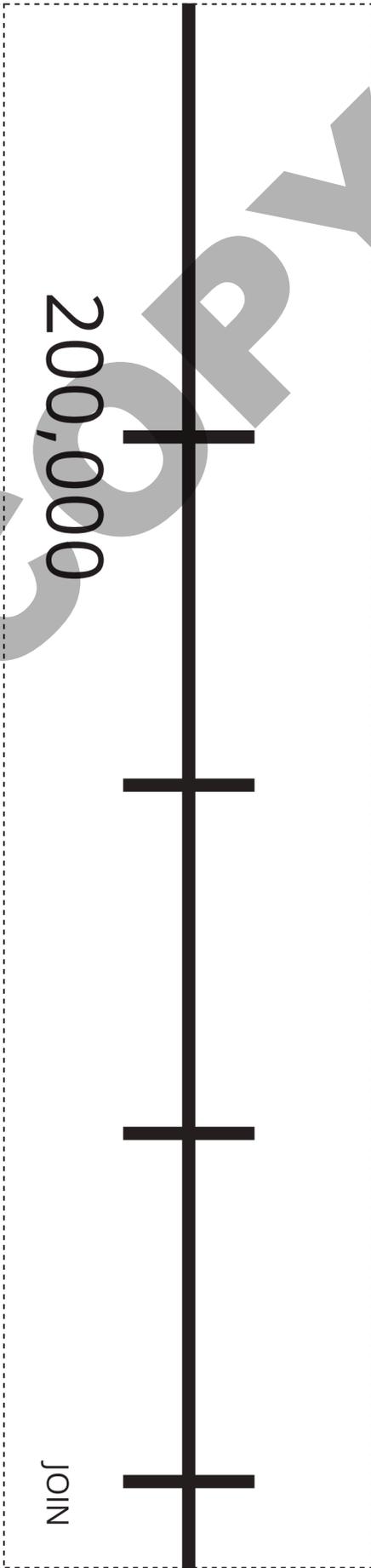
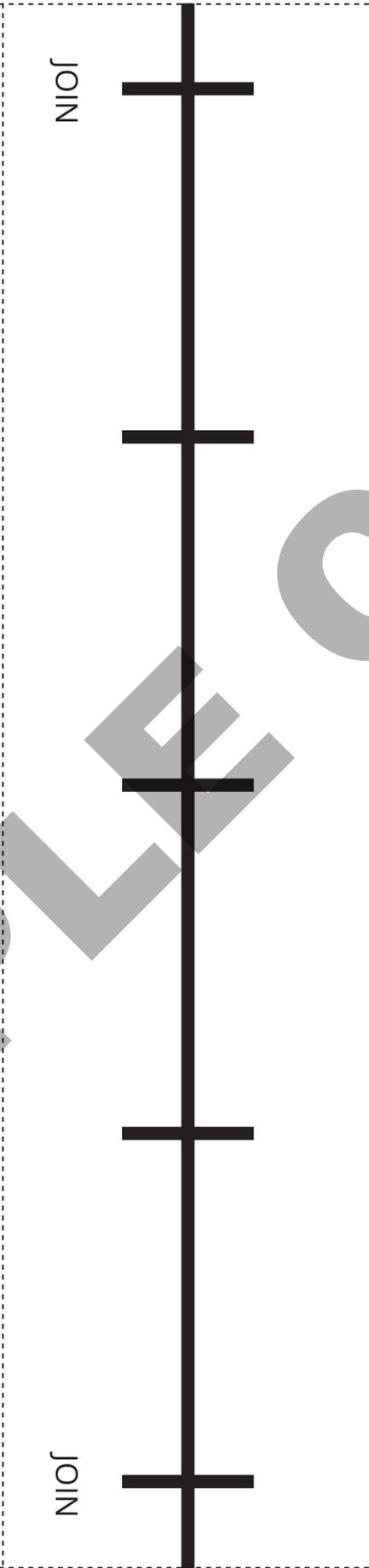
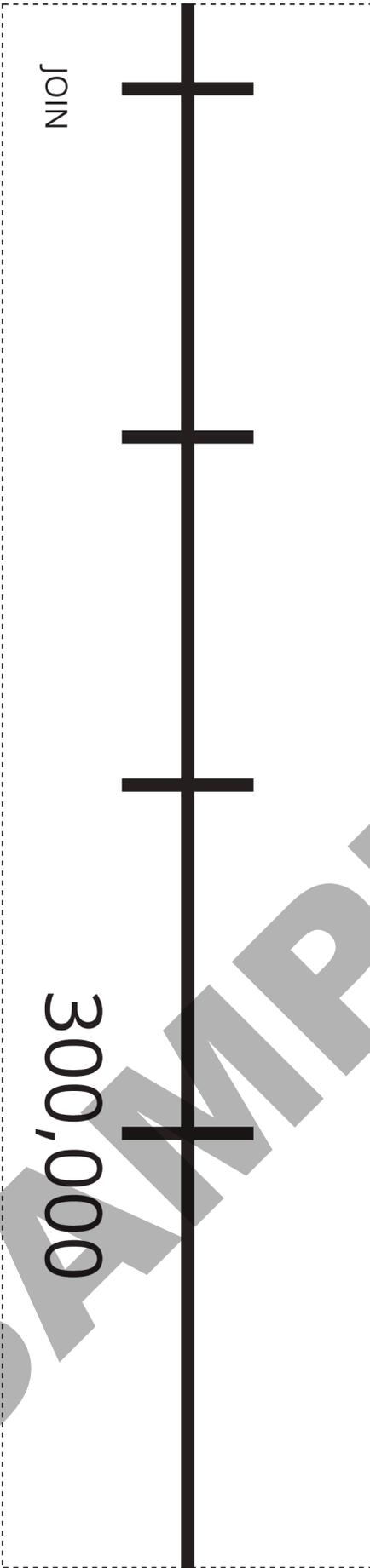
JOIN

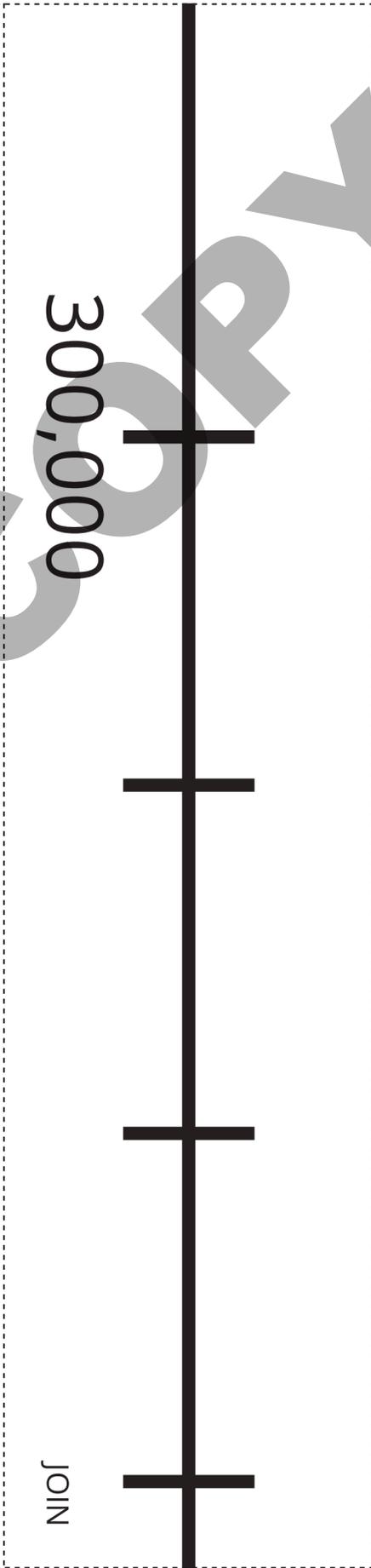
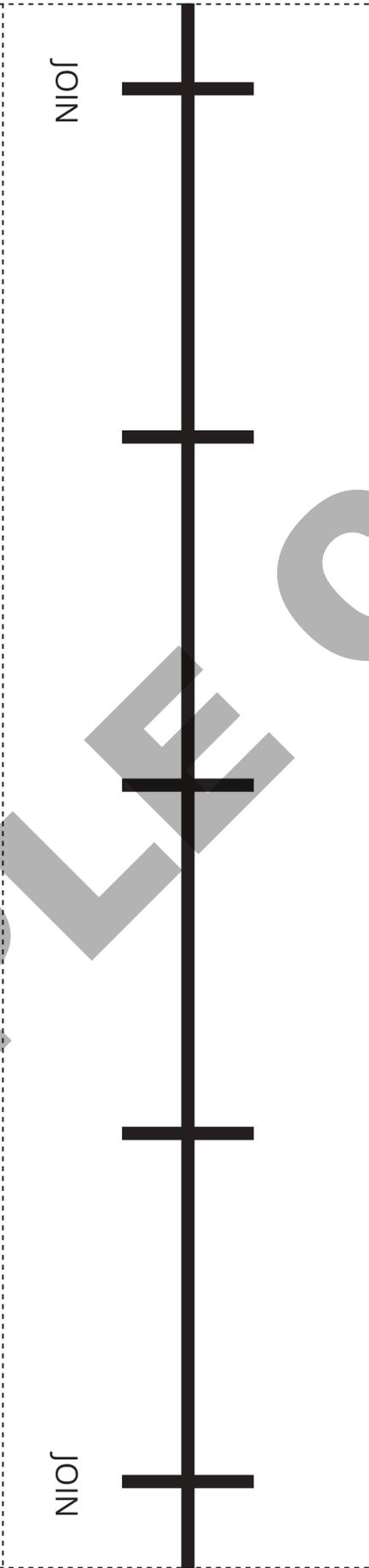
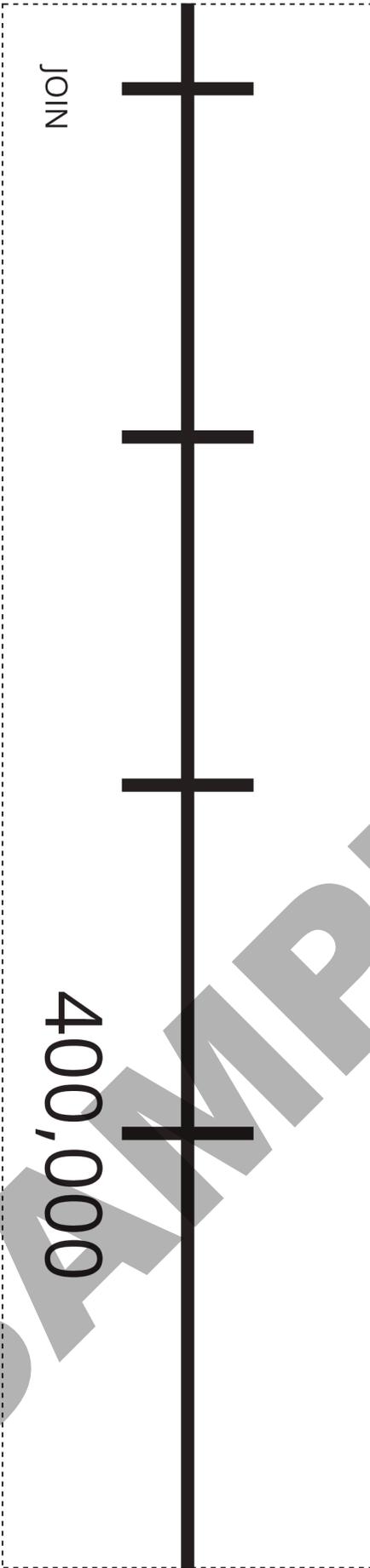
0

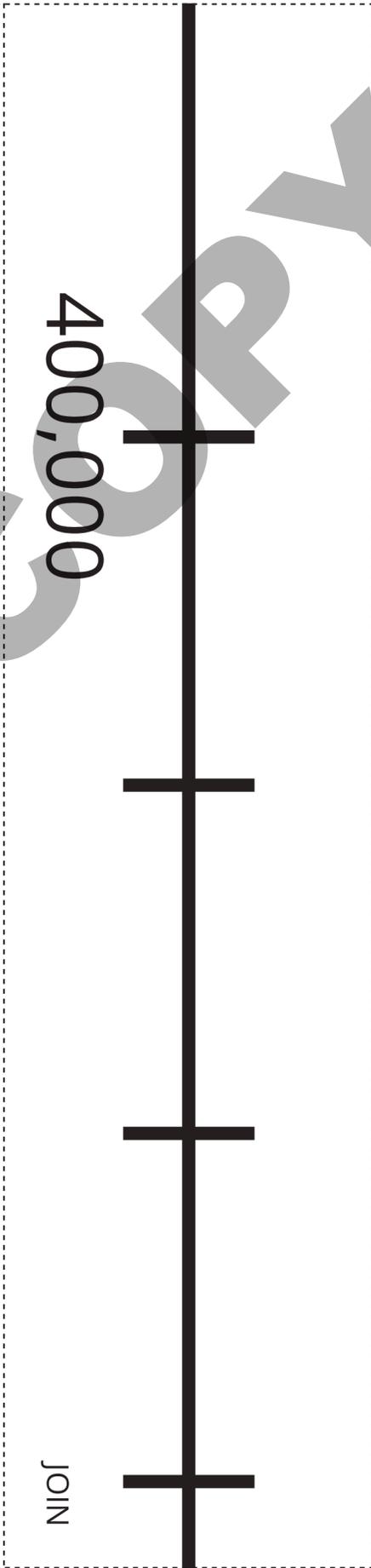
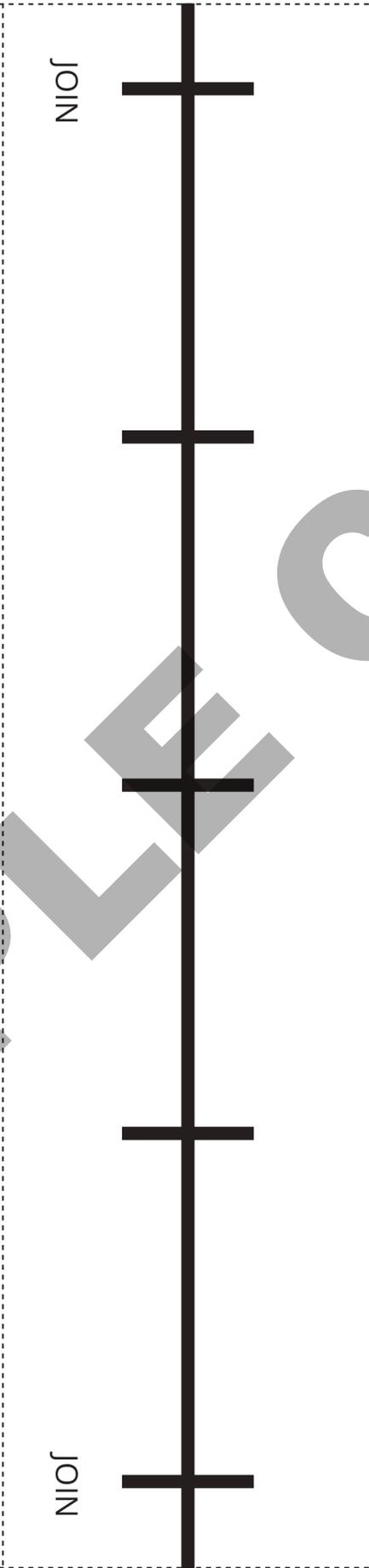
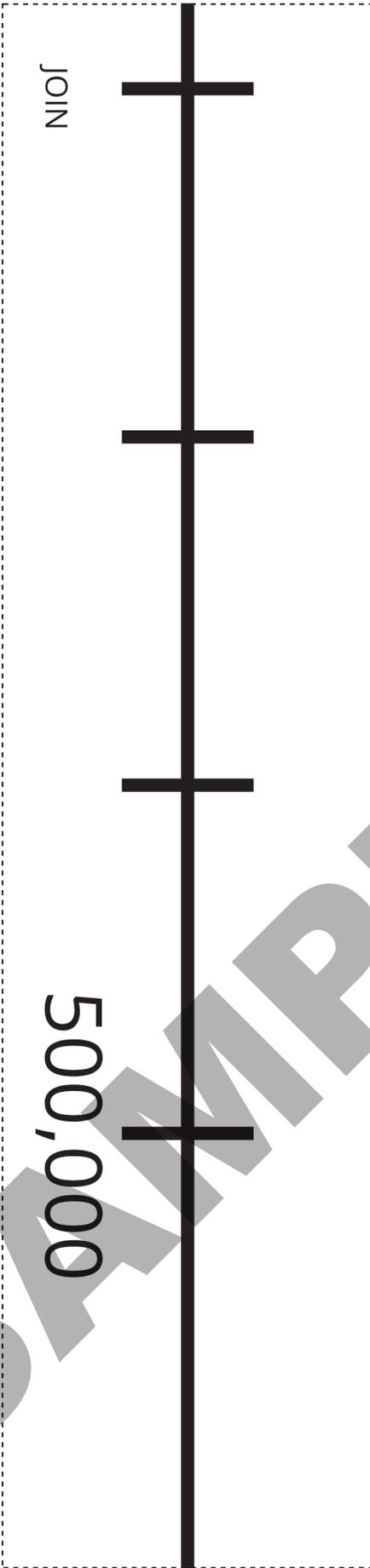
JOIN











600,000

JOIN

JOIN

500,000

JOIN

700,000

JOIN

JOIN

600,000

JOIN

6	1
7	2
8	3
9	4
0	5

SAMPLE COPY

6	1
7	2
8	3
9	4
0	5

SAMPLE COPY