IMKH California

iM v.36O
An IM K–12 Math Curriculum

GRADE 4

Teacher Resource Copy Masters

UNITS 1-2

Illustrative® Mathematics
LEARN MATH FOR LIFE

Kendall Hunt

Book 1
Certified by Illustrative Mathematics®

GRADE 4

UNIT

1

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 Grade4.1.1.2	Centimeter Grid Paper - Standard	2	yes	no	no	no	no	yes
Activity Grade4.1.3.1	Card Sort Area Cards	2	no	yes	no	no	no	no
Activity Grade4.1.4.1	Sort the Multiplication Facts Cards	2	no	yes	yes	no	yes	no
Activity Grade4.1.4.2	Find the Number Stage 1 Gameboard	2	no	no	no	no	yes	yes
Activity Grade4.1.7.2	Find the Number Stage 2 Gameboard	2	no	no	no	no	yes	yes

Card Sort: Area

A

8
3

Card Sort: Area

B

3

Card Sort Area

C

9
2

Card Sort: Area

D

6
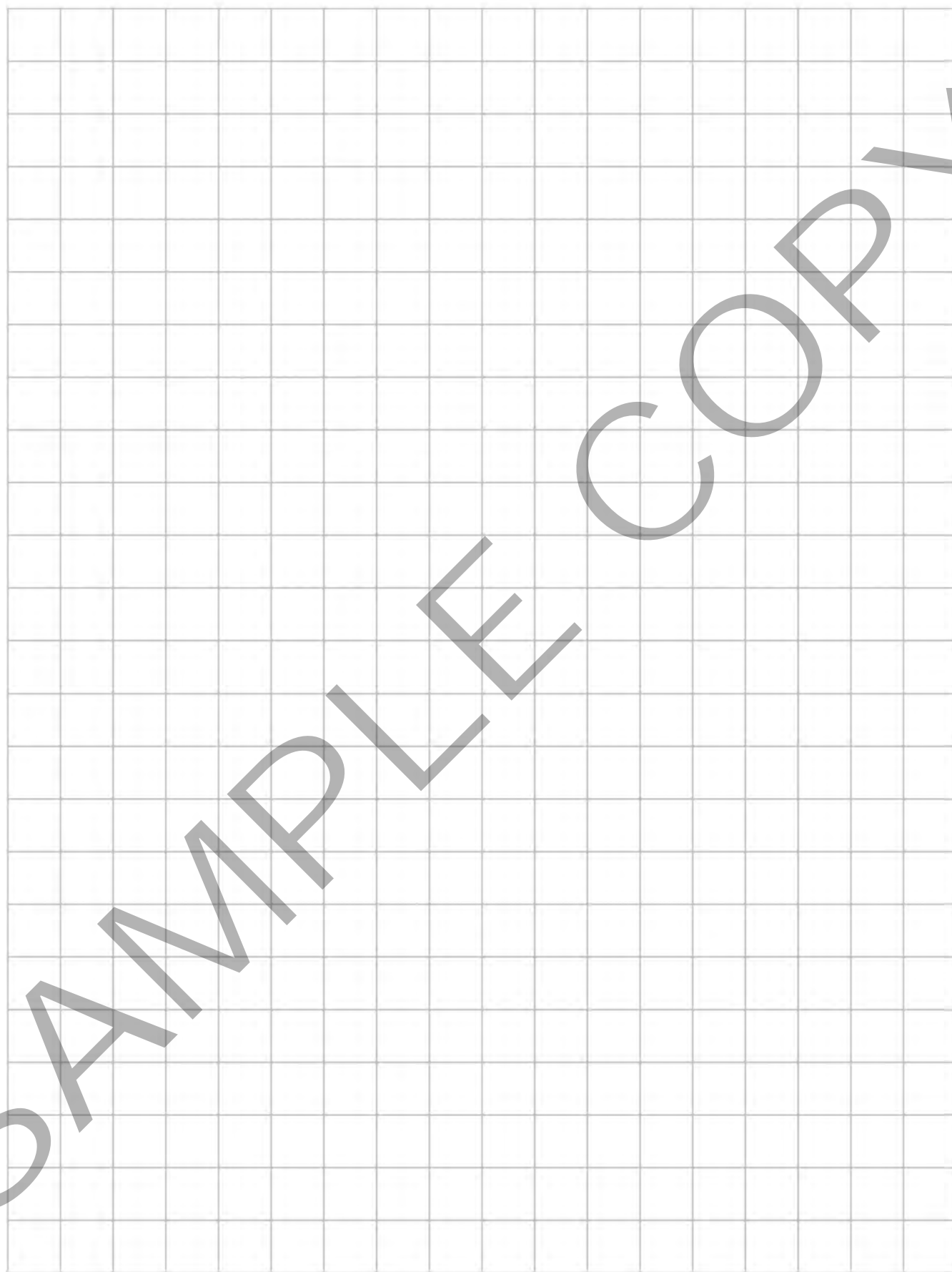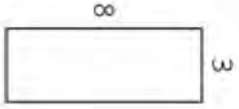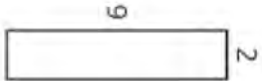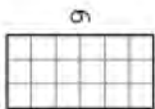
Card Sort: Area

E

Card Sort Area

F

6
6

Card Sort Area

G

1

Card Sort: Area

H

9
4
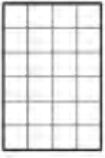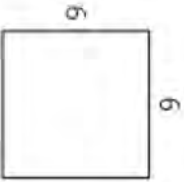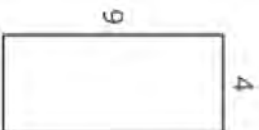
Sort the Multiplication Facts

1 × 10

Sort the Multiplication Facts

5 × 10

Sort the Multiplication Facts

2 × 10

Sort the Multiplication Facts

6 × 10

Sort the Multiplication Facts

3 × 10

Sort the Multiplication Facts

7 × 10

Sort the Multiplication Facts

4 × 10

Sort the Multiplication Facts

8 × 10

Sort the Multiplication Facts

9×10

Sort the Multiplication Facts

3×1

Sort the Multiplication Facts

10×10

Sort the Multiplication Facts

4×1

Sort the Multiplication Facts

1×1

Sort the Multiplication Facts

5×1

Sort the Multiplication Facts

2×1

Sort the Multiplication Facts

6×1

Sort the Multiplication Facts

7×1

Sort the Multiplication Facts

1×5

Sort the Multiplication Facts

8×1

Sort the Multiplication Facts

2×5

Sort the Multiplication Facts

9×1

Sort the Multiplication Facts

3×5

Sort the Multiplication Facts

10×1

Sort the Multiplication Facts

4×5

Sort the Multiplication Facts

5×5

Sort the Multiplication Facts

9×5

Sort the Multiplication Facts

6×5

Sort the Multiplication Facts

10×5

Sort the Multiplication Facts

7×5

Sort the Multiplication Facts

1×2

Sort the Multiplication Facts

8×5

Sort the Multiplication Facts

2×2

Sort the Multiplication Facts

3×2

Sort the Multiplication Facts

4×2

Sort the Multiplication Facts

7×2

Sort the Multiplication Facts

8×2

Sort the Multiplication Facts

5×2

Sort the Multiplication Facts

9×2

Sort the Multiplication Facts

6×2

Sort the Multiplication Facts

10×2

Sort the Multiplication Facts

1×3

Sort the Multiplication Facts

2×3

Sort the Multiplication Facts

3×3

Sort the Multiplication Facts

4×3

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5×3

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6×3

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Sort the Multiplication Facts

9×3

Sort the Multiplication Facts

10×3

Sort the Multiplication Facts

1×4

Sort the Multiplication Facts

2×4

Sort the Multiplication Facts

3×4

Sort the Multiplication Facts

4×4

Sort the Multiplication Facts

5×4

Sort the Multiplication Facts

6×4

Sort the Multiplication Facts

7×4

Sort the Multiplication Facts

8×4

Sort the Multiplication Facts

9×4

Sort the Multiplication Facts

10×4

Sort the Multiplication Facts

1×6

Sort the Multiplication Facts

2×6

Sort the Multiplication Facts

3×6

Sort the Multiplication Facts

4×6

Sort the Multiplication Facts

5×6

Sort the Multiplication Facts

9×6

Sort the Multiplication Facts

6×6

Sort the Multiplication Facts

10×6

Sort the Multiplication Facts

7×6

Sort the Multiplication Facts

1×8

Sort the Multiplication Facts

8×6

Sort the Multiplication Facts

2×8

Sort the Multiplication Facts

3×8

Sort the Multiplication Facts

7×8

Sort the Multiplication Facts

4×8

Sort the Multiplication Facts

8×8

Sort the Multiplication Facts

5×8

Sort the Multiplication Facts

9×8

Sort the Multiplication Facts

6×8

Sort the Multiplication Facts

10×8

Sort the Multiplication Facts

1×7

Sort the Multiplication Facts

2×7

Sort the Multiplication Facts

3×7

Sort the Multiplication Facts

4×7

Sort the Multiplication Facts

5×7

Sort the Multiplication Facts

6×7

Sort the Multiplication Facts

7×7

Sort the Multiplication Facts

8×7

Sort the Multiplication Facts

9×7

Sort the Multiplication Facts

3×9

Sort the Multiplication Facts

10×7

Sort the Multiplication Facts

4×9

Sort the Multiplication Facts

1×9

Sort the Multiplication Facts

5×9

Sort the Multiplication Facts

2×9

Sort the Multiplication Facts

6×9

Sort the Multiplication Facts

7×9

Sort the Multiplication Facts

8×9

Sort the Multiplication Facts

9×9

Sort the Multiplication Facts

10×9

Directions:
- Partner A: Cover up a number. That is your score for this turn.
- Partner B: Cover up all the factors of that number. The sum of the factors is your score for this turn.
- Take turns choosing numbers and finding factors.
- If a partner chooses a number with no uncovered factors remaining, that partner loses a turn and does not get any points for the round.
- The game ends when there are no numbers left with uncovered factors. The partner with the higher score wins.

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

Directions:
- Partner A: Cover up an even number that is less than 50.
- Partner B: Cover up a factor or multiple of the number your partner just covered.
- Take turns covering factors or multiples of the previous number.
- The round ends when there are no factors or multiples of the previous number left to cover. The last partner to cover a number gets a point.
- If a partner chooses a starting number that doesn't have any uncovered factors and multiples, that player loses a turn and does not get any points for the round.
- The game ends after 10 rounds. The player with more points wins.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
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

GRADE 4

UNIT

2

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 Grade4.2.1.1	Fraction Strips Template	2	yes	yes	no	no	no	no
Activity Grade4.2.6.2	Card Sort Where Do They Belong? Cards	2	no	yes	no	no	no	no
Activity Grade4.2.9.2	How Do You Know Cards	15	no	yes	no	no	no	no
Activity Grade4.2.11.3	Card Sort Fractions Galore Cards	3	no	yes	no	no	no	no
Activity Grade4.2.16.1	Fraction Cards with Denominators 2, 3, 4, and 6	2	no	no	yes	no	yes	yes
Activity Grade4.2.16.1	Fraction Cards with Denominators 5, 8, 10, 12, and 100	2	no	no	yes	no	yes	yes

SAMPLE COPY

Card Sort: Where Do They Belong?

A

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

Card Sort: Where Do They Belong?

B

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

Card Sort: Where Do They Belong?

C

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

Card Sort: Where Do They Belong?

D

$$\frac{2}{3}$$

Card Sort: Where Do They Belong?

E

$$\frac{2}{4}$$

Card Sort: Where Do They Belong?

F

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

Card Sort: Where Do They Belong?

G

$$\frac{3}{5}$$

Card Sort: Where Do They Belong?

H

$$\frac{3}{6}$$

Card Sort: Where Do They Belong?

I

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

Card Sort: Where Do They Belong?

M

$$\frac{4}{8}$$

Card Sort: Where Do They Belong?

J

$$\frac{3}{12}$$

Card Sort: Where Do They Belong?

N

$$\frac{4}{12}$$

Card Sort: Where Do They Belong?

K

$$\frac{4}{2}$$

Card Sort: Where Do They Belong?

O

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

Card Sort: Where Do They Belong?

L

$$\frac{4}{5}$$

Card Sort: Where Do They Belong?

P

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

Card Sort: Where Do They Belong?
Q

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

Card Sort: Where Do They Belong?
R

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

Card Sort: Where Do They Belong?
S

$$\frac{6}{3}$$

Card Sort: Where Do They Belong?
T

$$\frac{6}{12}$$

Card Sort: Where Do They Belong?
U

$$\frac{7}{10}$$

Card Sort: Where Do They Belong?
V

$$\frac{8}{4}$$

Card Sort: Where Do They Belong?
W

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

Card Sort: Where Do They Belong?
X

$$\frac{11}{12}$$

How Do You Know Cards

A

$$\frac{2}{10} \qquad \frac{20}{100}$$

How Do You Know Cards

B

$$\frac{6}{4} \qquad \frac{18}{12}$$

How Do You Know Cards

C

$$\frac{3}{5} \qquad \frac{60}{100}$$

How Do You Know Cards

D

$$\frac{1}{4} \qquad \frac{3}{12} \qquad \frac{30}{100}$$

How Do You Know Cards

E

$$\frac{15}{6} \qquad \frac{7}{4} \qquad \frac{30}{12}$$

How Do You Know Cards

F

$$\frac{7}{3} \qquad \frac{21}{10} \qquad \frac{28}{12}$$

Card Sort: Fractions Galore

A

$$\frac{4}{3}$$

B

Card Sort: Fractions Galore

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

C

Card Sort: Fractions Galore

$$\frac{3}{4}$$

D

Card Sort: Fractions Galore

$$\frac{5}{4}$$

E

Card Sort: Fractions Galore

$$\frac{4}{5}$$

F

Card Sort: Fractions Galore

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

G

Card Sort: Fractions Galore

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

H

Card Sort: Fractions Galore

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

Card Sort: Fractions Galore
I

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

Card Sort: Fractions Galore
J

$$\frac{8}{6}$$

Card Sort: Fractions Galore
K

$$\frac{12}{6}$$

Card Sort: Fractions Galore
L

$$\frac{12}{8}$$

Card Sort: Fractions Galore
M

$$\frac{16}{8}$$

Card Sort: Fractions Galore
N

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

Card Sort: Fractions Galore
O

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

Card Sort: Fractions Galore
P

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

Card Sort Fractions Galore
Q

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

Card Sort Fractions Galore
R

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

Card Sort: Fractions Galore
S

$$\frac{16}{12}$$

Card Sort: Fractions Galore
T

$$\frac{1}{20}$$

Card Sort: Fractions Galore
U

$$\frac{6}{20}$$

Card Sort: Fractions Galore
V

$$\frac{4}{25}$$

Card Sort: Fractions Galore
W

$$\frac{5}{50}$$

Card Sort: Fractions Galore
X

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

Card Sort: Fractions Galore

Y

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

Card Sort: Fractions Galore

Z

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

Card Sort: Fractions Galore

AA

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

Card Sort: Fractions Galore

BB

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

Card Sort: Fractions Galore

CC

$$\frac{20}{100}$$

Card Sort: Fractions Galore

DD

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

Card Sort: Fractions Galore

EE

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

Card Sort: Fractions Galore

FF

$$\frac{49}{100}$$

Card Sort: Fractions Galore

GG

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

Card Sort: Fractions Galore

HH

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

Card Sort: Fractions Galore

II

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

Card Sort: Fractions Galore

JJ

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

Fraction Cards with Denominators 2, 3, 4, and 6

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

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{2}{4}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{3}{4}$$

Fraction Cards with Denominators 2, 3, 4, and 6

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

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{5}{4}$$

Fraction Cards with Denominators 2, 3, 4, and 6

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

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{2}{6}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{3}{6}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{4}{6}$$

Fraction Cards with Denominators 2, 3, 4, and 6

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

Fraction Cards with Denominators 2, 3, 4, and 6

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

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{7}{6}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{1}{2}$$

Fraction Cards with Denominators 2, 3, 4, and 6

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

Fraction Cards with Denominators 2, 3, 4, and 6

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

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{2}{3}$$

Fraction Cards with Denominators 2, 3, 4, and 6

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

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{6}{3}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{4}{2}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{16}{6}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{6}{2}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{8}{2}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{5}{3}$$

Fraction Cards with Denominators 2, 3, 4, and 6

$$\frac{13}{4}$$

Fraction Cards with Denominators 5, 8, 10, 12, and 100

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

Fraction Cards with Denominators 5, 8, 10, 12, and 100

$$\frac{2}{8}$$

Fraction Cards with Denominators 5, 8, 10, 12, and 100

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

Fraction Cards with Denominators 5, 8, 10, 12, and 100

$$\frac{4}{8}$$

Fraction Cards with Denominators 5, 8, 10, 12, and 100

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

Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

$$\frac{19}{10}$$

Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

$$\frac{15}{12}$$

Fraction Cards with Denominators 5, 8, 10, 12, and 100

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

Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

$$\frac{20}{100}$$

Fraction Cards with Denominators 5, 8, 10, 12, and 100

$$\frac{49}{100}$$

Fraction Cards with Denominators 5, 8, 10, 12, and 100

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

Fraction Cards with Denominators 5, 8, 10, 12, and 100

$$\frac{51}{100}$$

Fraction Cards with Denominators 5, 8, 10, 12, and 100

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Fraction Cards with Denominators 5, 8, 10, 12, and 100

$$\frac{99}{100}$$

Fraction Cards with Denominators 5, 8, 10, 12, and 100

$$\frac{200}{100}$$