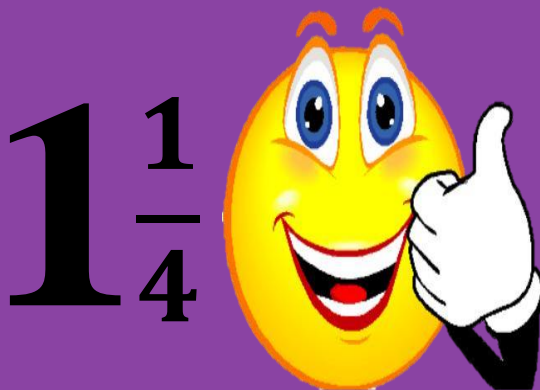


# Make It Proper

Carole Greenes

Tanner Wolfram



I'm Proper!



I'm Improper

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**Also produced by the  
Prime Group**

*Alge-Grid: What's the a?*

*Pattern Grid-unLocks*

*Play It Positively or Negatively!*

*Factor Max*

# **Make It Proper**

**Carole Greenes**

**Tanner Wolfram**

**Prime Group**

**Center for Mathematics and Teaching, Inc.**

**<https://mathandteaching.org/>**

## Author Bios



**Carole Greenes**, Ed.D. is Professor Emerita, Mathematics Education at Arizona State University. While at ASU, she served as Associate Vice President for STEM Education, Dean of the School of Educational Innovation and Teacher Preparation, Director of the Practice Research and Innovation in Mathematics Education (PRIME) Center, Director of the Vertically Integrated Projects program that provides research experiences for undergraduate students, and Professor of Mathematics Education in the Ira A. Fulton Schools of Engineering, the College of Liberal Arts and Sciences, and the Mary Lou Fulton Teachers College. Currently, she directs the PRIME Group that develops books of challenge problems and games for students, grades K – 12, and authors Carole’s Corner for the Center for Mathematics and Teaching, Inc. in California. Carole is author of more than 350 books for students, PreK-12

and college, and teachers; 81 articles; six mathematical musicals; and two histories of mathematics in story and song. She served as editor of the Arizona Association of Teachers of Mathematics journal, *OnCore*, and author of the online monthly free *MATHgazine Senior* (grades 8-12), *MATHgazine Junior* (grades 5-8), *MATHgazine Elementary* (grades 3-5) and *MATHgazine Primary* (grades K-2). In 2003, Greenes was inducted into the Massachusetts Mathematics Educators’ Hall of Fame. In 2011, she received the NCSM Ross Taylor/Glenn Gilbert National Leadership Award in Mathematics Education. In 2016, she received the Copper Apple Award for Leadership in Mathematics in Arizona, and in 2018 she received the National Council of Teachers of Mathematics Lifetime Achievement Award. Her 2021 and 2022 books/games include: *Alge-Grid: What’s the a?*, *Pattern Grid-unLocks*, *Play It Positively or Negatively?*, *Factor Max!*, and *Make It Proper*.



**Tanner Wolfram** is a Fall 2019 graduate, Summa cum Laude, of Barrett, The Honors College at Arizona State University. He holds a major in Physics and minors in both Spanish and Chinese. Tanner is co-author of *Make It Proper*, *Solve It Positively and Negatively!*, *Pattern Grid-unLocks*, *Factor Max*, *Alge-Grid: What’s the a?* puzzle books distributed by the Center for Mathematics and Teaching, and senior author of the *Facasumi Puzzle Book* for the Arizona Association of Teachers of Mathematics. From Spring 2016 to Fall 2020, Tanner served as Senior Project Assistant in the Practice, Research, and Innovation in Mathematics Education (PRIME) Center at ASU, and is now co-Director of the PRIME Group. During his time with the PRIME Center, Tanner assisted with the NSF-funded App Maker Pro (AMP) project, contributed to and edited eight

*MATHadazzle Puzzle Books*, co-authored six articles, and co-edited two free monthly online *MATHgazines*. He also co-edited the Fall and Spring (2019, 2020) issues of *OnCore*, the journal of the Arizona Association of Teachers of Mathematics (AATM).

# Table of Contents

<b>Section</b>	<b>Page</b>
<b>Title</b>	<b>1</b>
<b>Author Bios</b>	<b>2</b>
<b>Game Description</b> <b>Object of Puzzles</b> <b>Talents Developed</b> <b>Puzzle Descriptions</b> <b>Nature of Clues</b>	<b>4</b>
<b>Section 1: Same Denominators</b>	<b>5</b>
<b>Section 2: Mixed Denominators</b>	<b>34</b>
<b>Solutions</b>	<b>47</b>

# Make It Proper

**Goal:** Use spatial clues to identify positions of numbers, and then use computations to complete Improper and Proper Fraction Grids.

## Talents Developed:

- Critical Thinking: Consider and identify multiple solutions, test them, and revise when necessary.
- Spatial Reasoning: Solve problems that involve interpreting information about position/location.
- Computational Expertise: Convert improper fractions to proper fractions. Simplify fractions.

## Components

### Each puzzle contains:

- A unique set of 9 improper fractions.
- Clues showing locations of improper fractions in a 3-by-3 grid.
- 2 Grids with 9 cells in each: Improper Number Grid and Proper Number Grid

### Clues:

These are arrangements of connected cells that show portions of the completed Improper Number Grid, as for example, a completed row, a diagonal, or a different set of connected cells. For each problem, there may be 3 or 4 clues. Clues cannot be rotated or flipped.

Some clues contain blue cells. Those are cells that overlap on the grid. Their values must be deduced from what is already in place or is a number that has not been used.

### Number of Puzzles:

There are 40 puzzles. Section I contains 28 puzzles. Each puzzle includes fractions with denominators that are the same. Section II contains 12 puzzles with denominators that differ.

Within each section, problems vary by difficulty. Difficulty is determined by the nature of the clues and their locations on the grid. For example, a diagonal clue has only one location on a grid. By contrast, a 3-cell vertical clue has three possible locations. In some cases, blue cells increase the difficulty. Clues must be considered together.

**Solutions** are presented in the last section of this book.

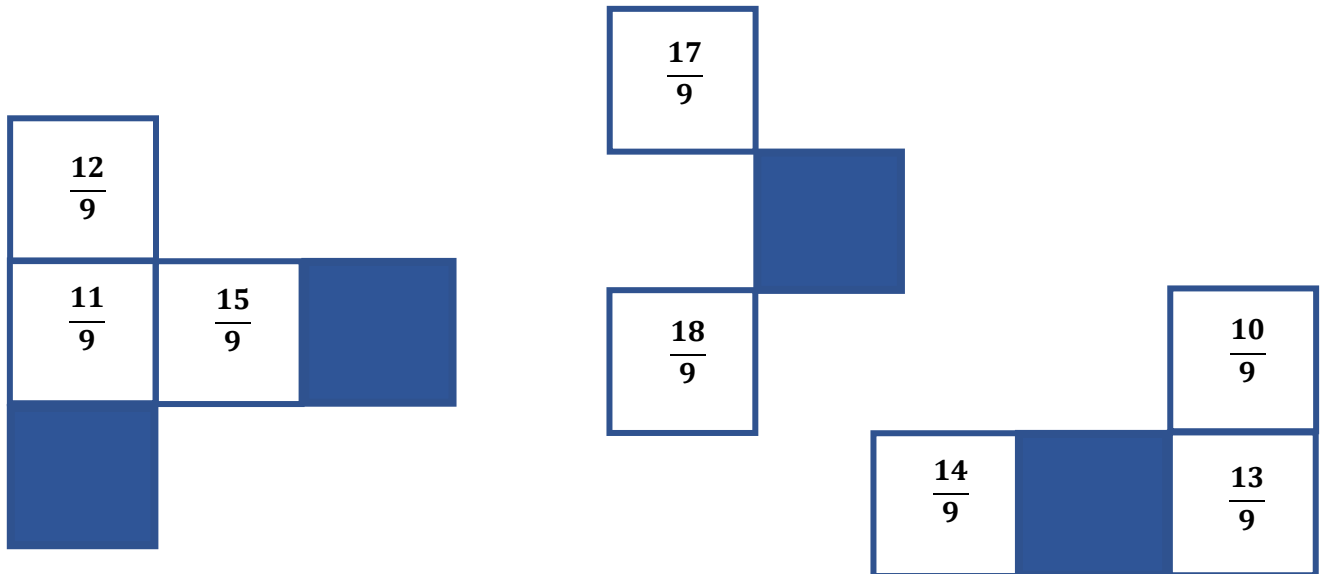
# **Section 1**

## **Same**

### **Denominators**

# Make It Proper 1

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{10}{9}, \frac{11}{9}, \frac{12}{9}, \frac{13}{9}, \frac{14}{9}, \frac{15}{9}, \frac{16}{9}, \frac{17}{9}, \frac{18}{9}$$

Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

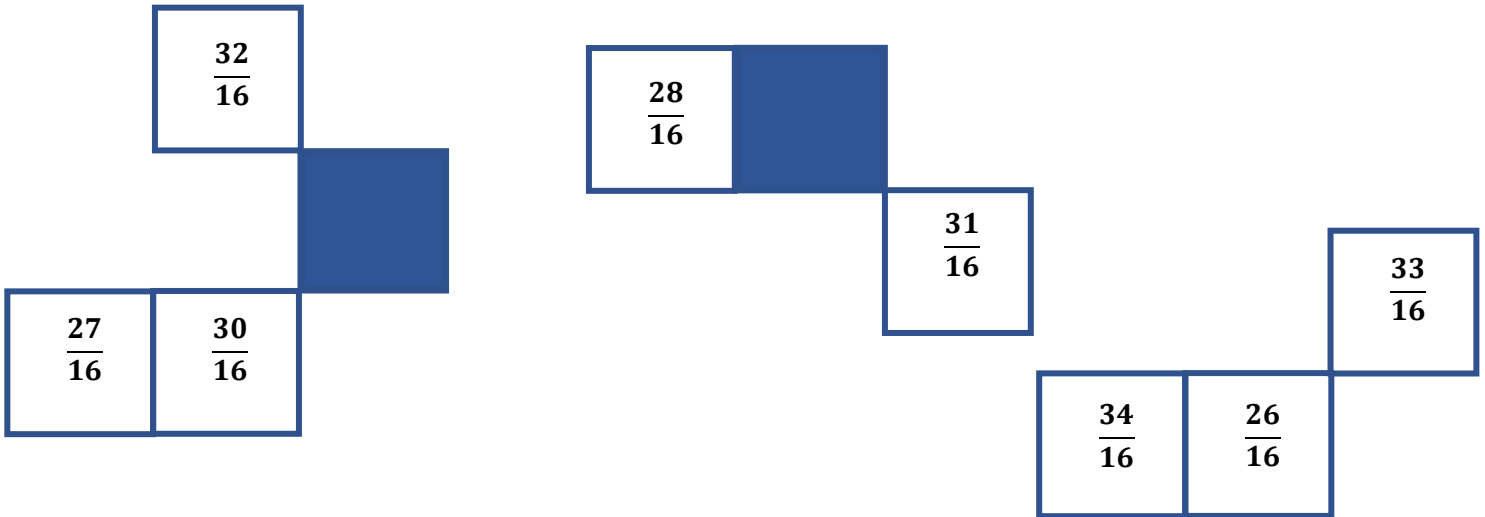
**Improper Number Grid**


**Proper Number Grid**




# Make It Proper 2

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{26}{16}, \frac{27}{16}, \frac{28}{16}, \frac{29}{16}, \frac{30}{16}, \frac{31}{16}, \frac{32}{16}, \frac{33}{16}, \frac{34}{16}$$

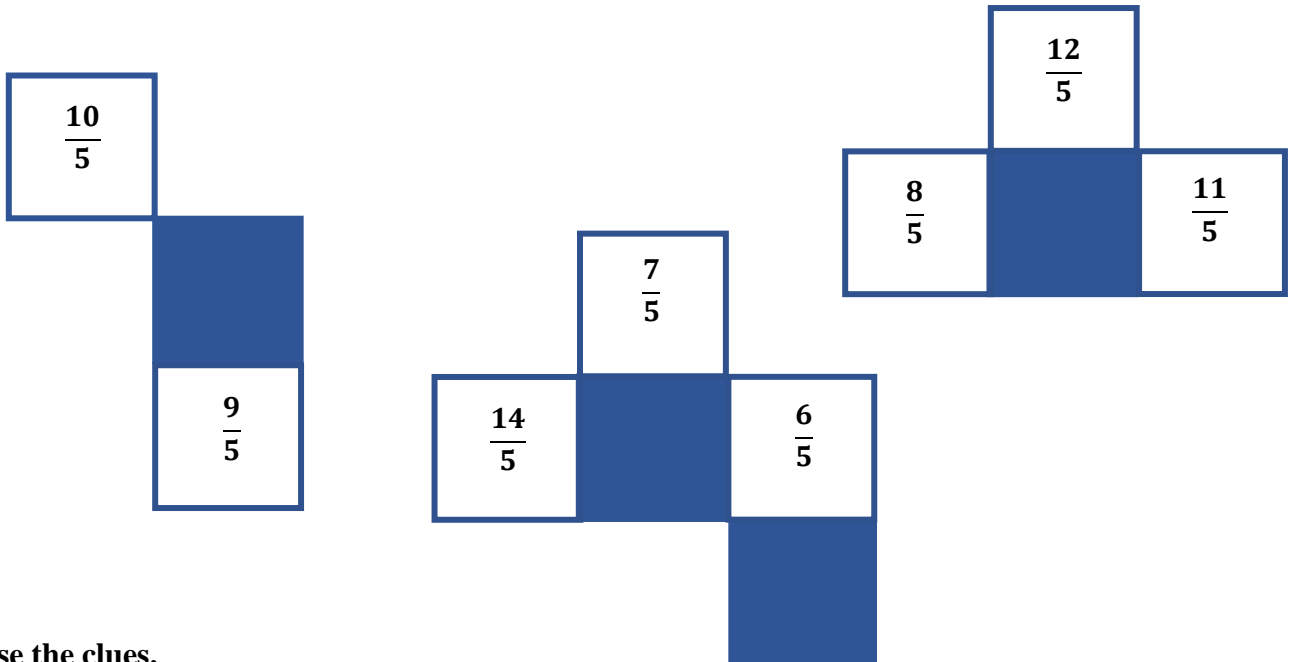
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 3

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{6}{5}, \frac{7}{5}, \frac{8}{5}, \frac{9}{5}, \frac{10}{5}, \frac{11}{5}, \frac{12}{5}, \frac{13}{5}, \frac{14}{5}$$

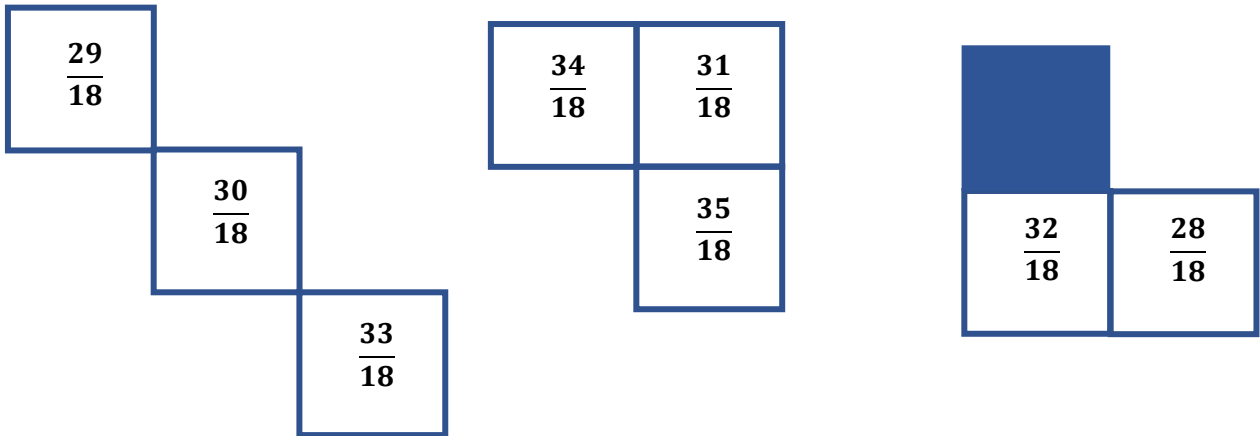
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 4

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{28}{18}, \frac{29}{18}, \frac{30}{18}, \frac{31}{18}, \frac{32}{18}, \frac{33}{18}, \frac{34}{18}, \frac{35}{18}, \frac{36}{18}$$

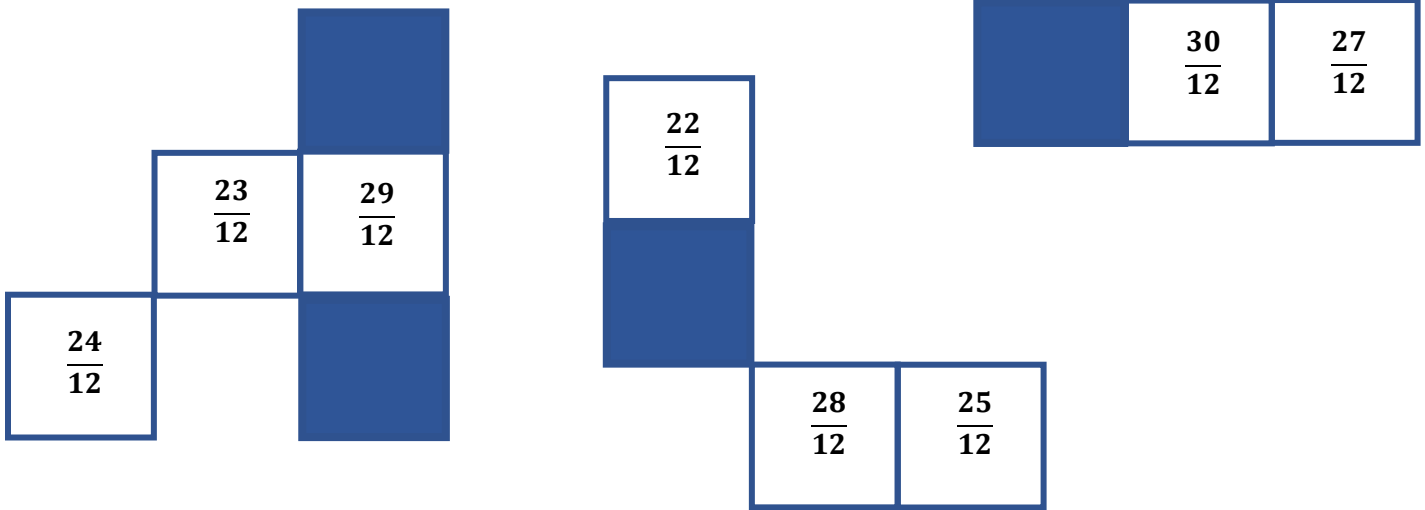
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 5

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{22}{12}, \frac{23}{12}, \frac{24}{12}, \frac{25}{12}, \frac{26}{12}, \frac{27}{12}, \frac{28}{12}, \frac{29}{12}, \frac{30}{12}$$

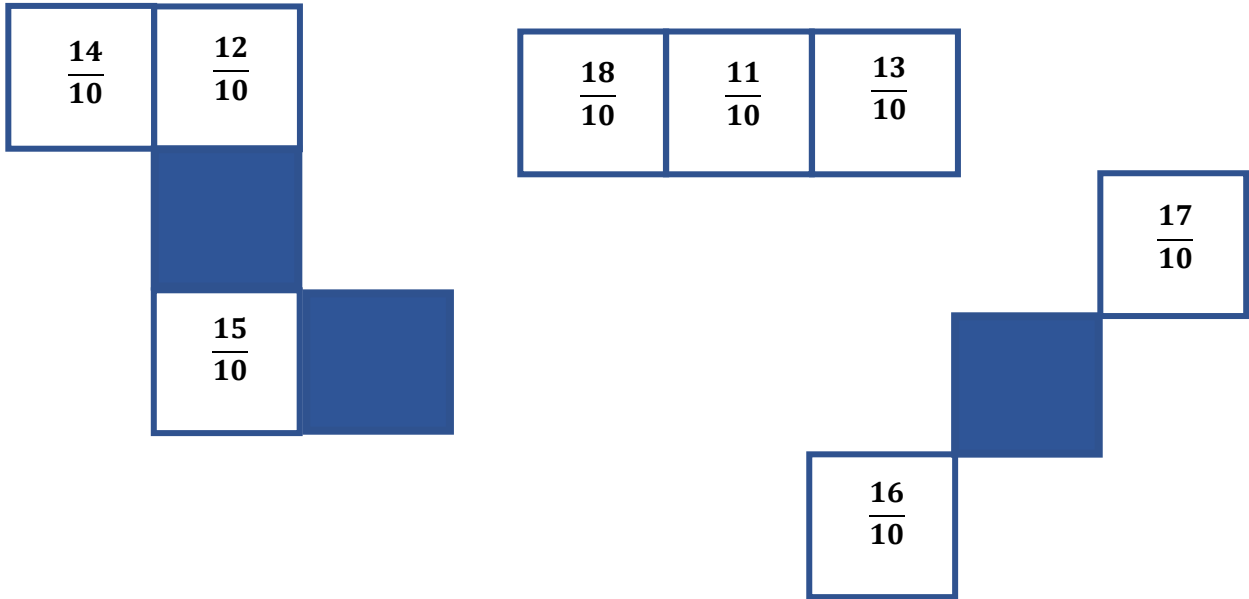
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 6

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{11}{10}, \frac{12}{10}, \frac{13}{10}, \frac{14}{10}, \frac{15}{10}, \frac{16}{10}, \frac{17}{10}, \frac{18}{10}, \frac{19}{10}$$

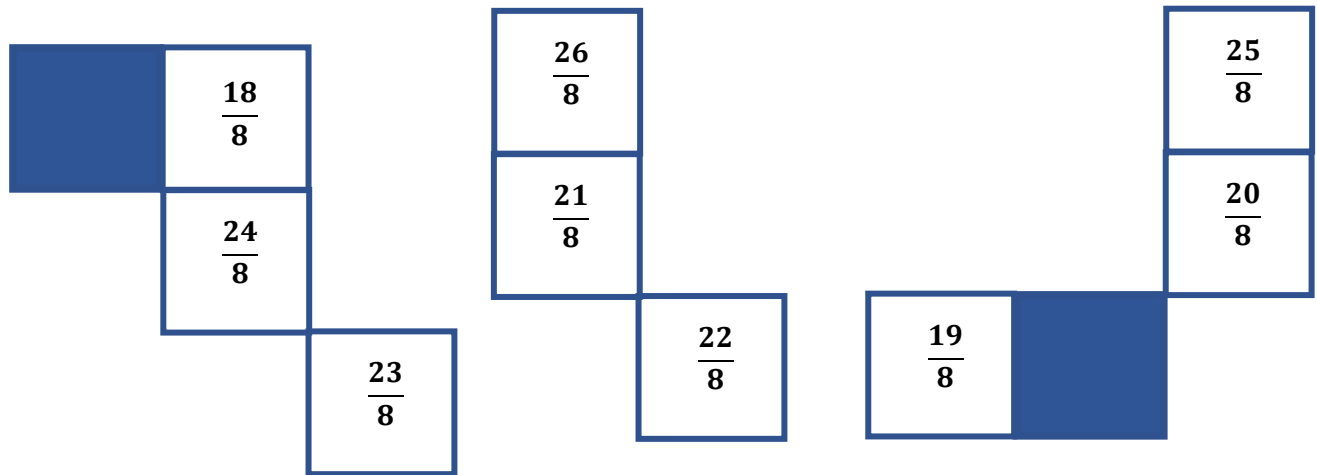
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 7

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{18}{8}, \frac{19}{8}, \frac{20}{8}, \frac{21}{8}, \frac{22}{8}, \frac{23}{8}, \frac{24}{8}, \frac{25}{8}, \frac{26}{8}$$

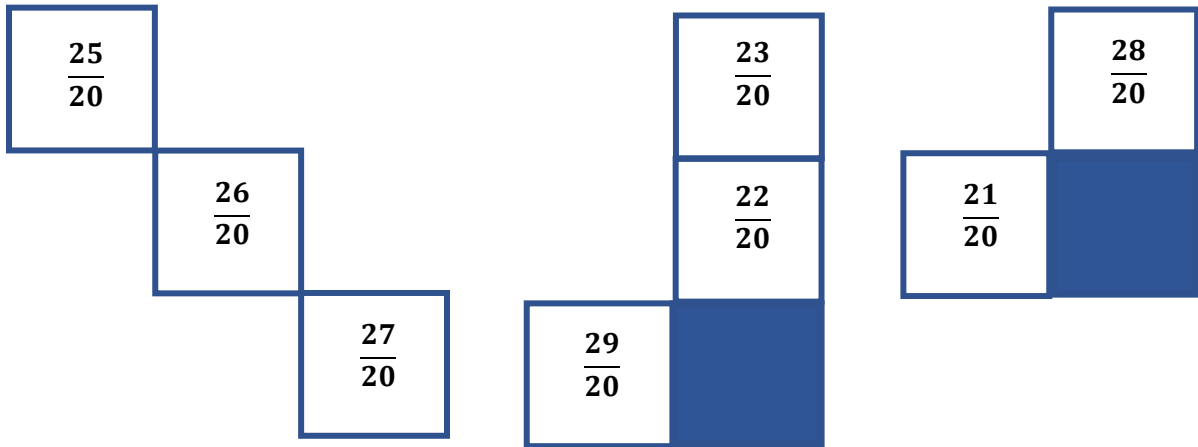
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 8

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{21}{20}, \frac{22}{20}, \frac{23}{20}, \frac{24}{20}, \frac{25}{20}, \frac{26}{20}, \frac{27}{20}, \frac{28}{20}, \frac{29}{20}$$

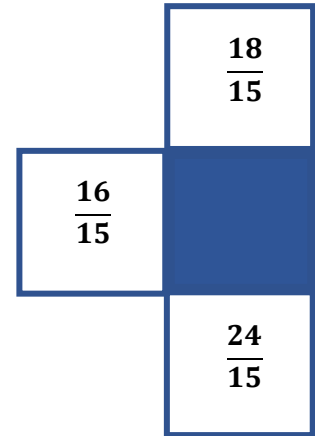
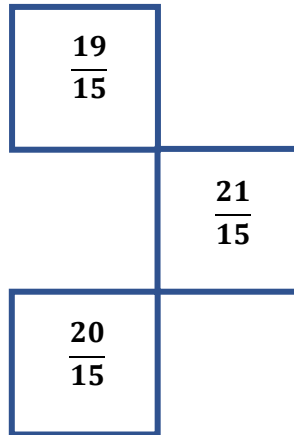
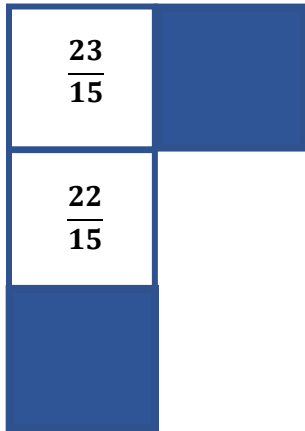
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 9

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{16}{15}, \frac{17}{15}, \frac{18}{15}, \frac{19}{15}, \frac{20}{15}, \frac{21}{15}, \frac{22}{15}, \frac{23}{15}, \frac{24}{15}$$

Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

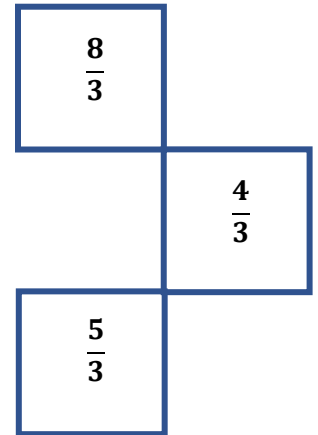
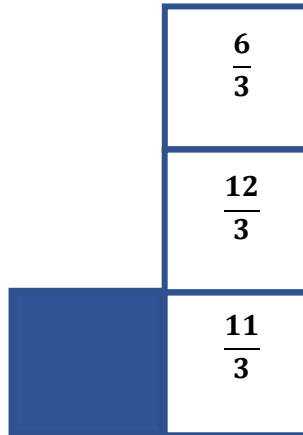
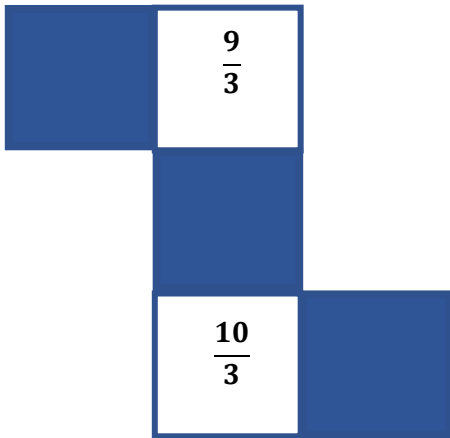
**Improper Number Grid**


**Proper Number Grid**




# Make It Proper 10

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{4}{3}, \frac{5}{3}, \frac{6}{3}, \frac{7}{3}, \frac{8}{3}, \frac{9}{3}, \frac{10}{3}, \frac{11}{3}, \frac{12}{3}$$

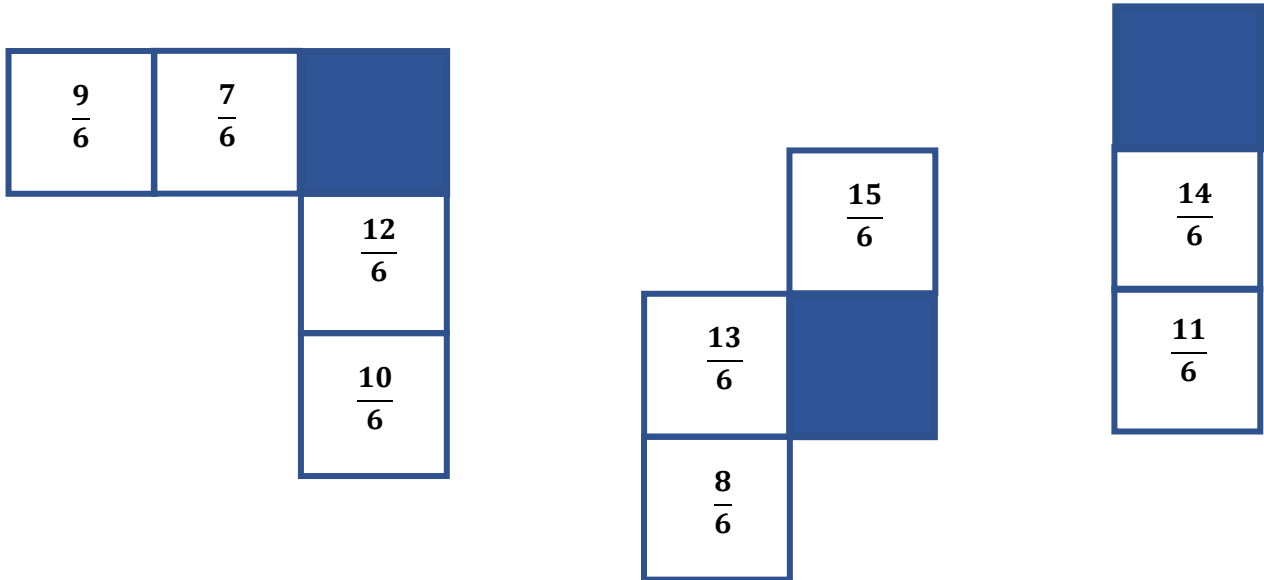
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 11

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{7}{6}, \frac{8}{6}, \frac{9}{6}, \frac{10}{6}, \frac{11}{6}, \frac{12}{6}, \frac{13}{6}, \frac{14}{6}, \frac{15}{6}$$

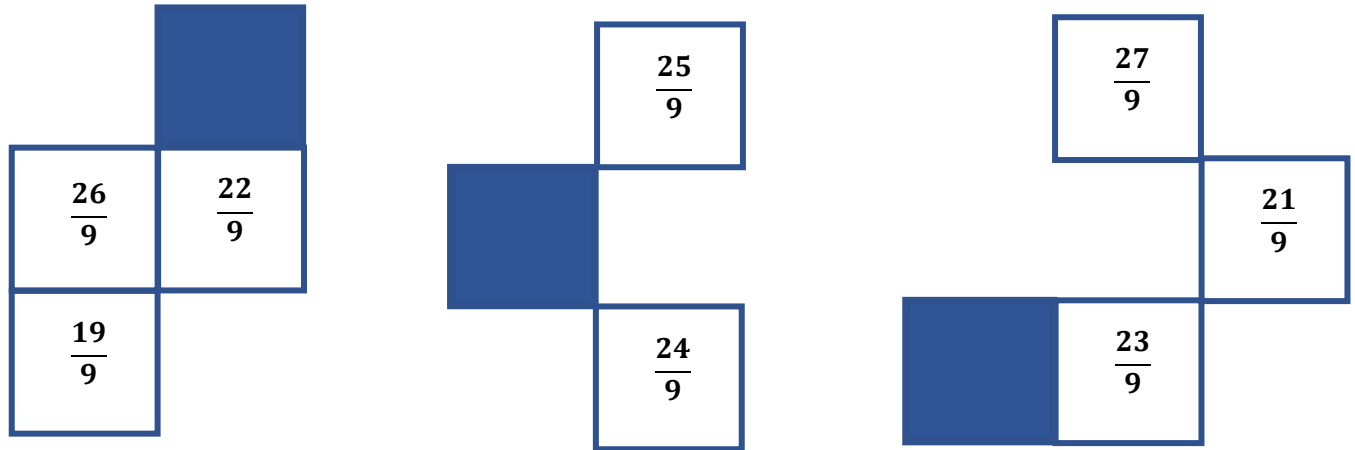
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 12

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{19}{9}, \frac{20}{9}, \frac{21}{9}, \frac{22}{9}, \frac{23}{9}, \frac{24}{9}, \frac{25}{9}, \frac{26}{9}, \frac{27}{9}$$

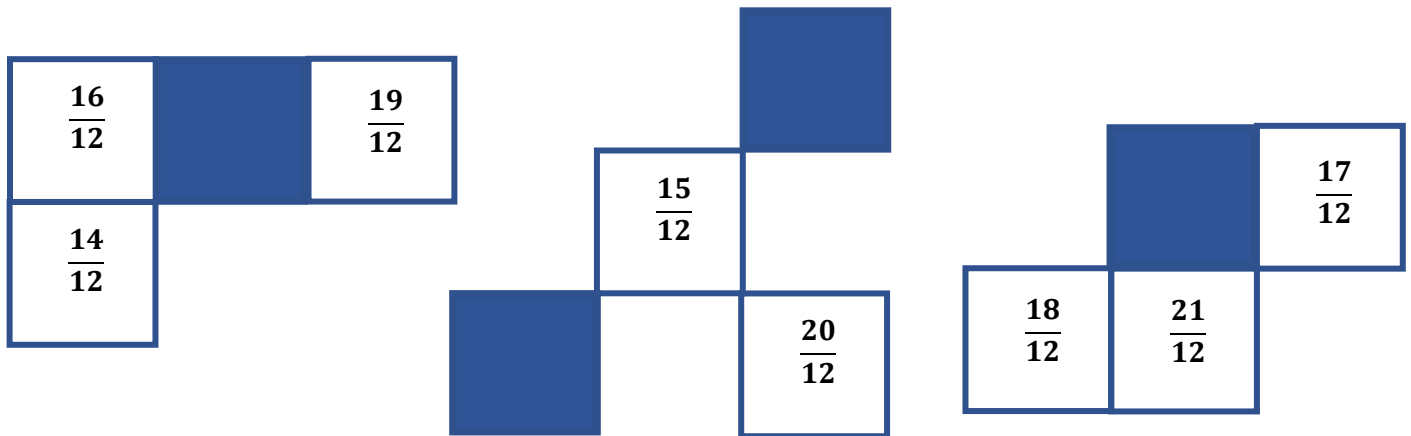
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 13

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{13}{12}, \frac{14}{12}, \frac{15}{12}, \frac{16}{12}, \frac{17}{12}, \frac{18}{12}, \frac{19}{12}, \frac{20}{12}, \frac{21}{12}$$

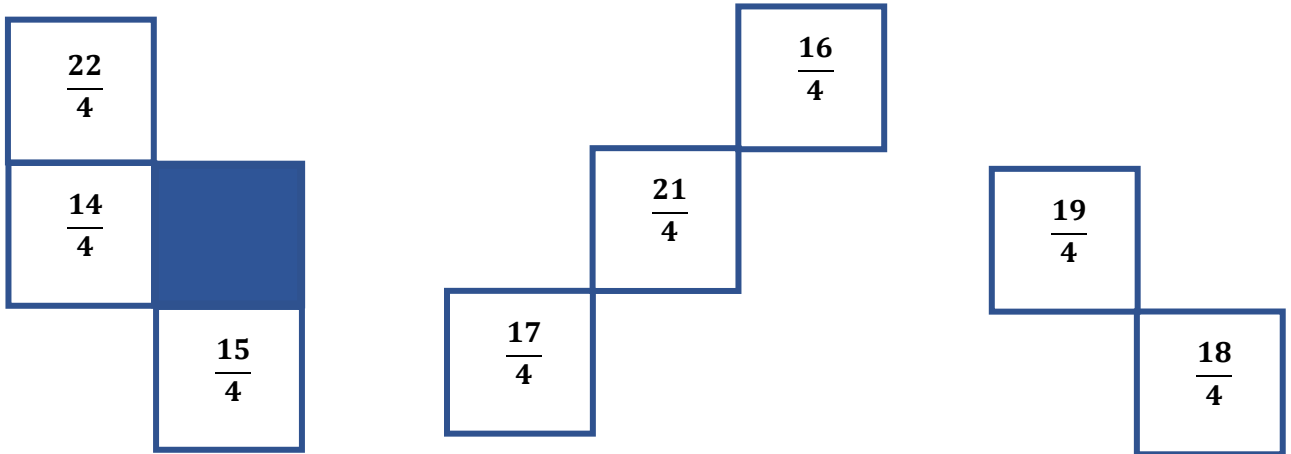
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 14

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{14}{4}, \frac{15}{4}, \frac{16}{4}, \frac{17}{4}, \frac{18}{4}, \frac{19}{4}, \frac{20}{4}, \frac{21}{4}, \frac{22}{4}$$

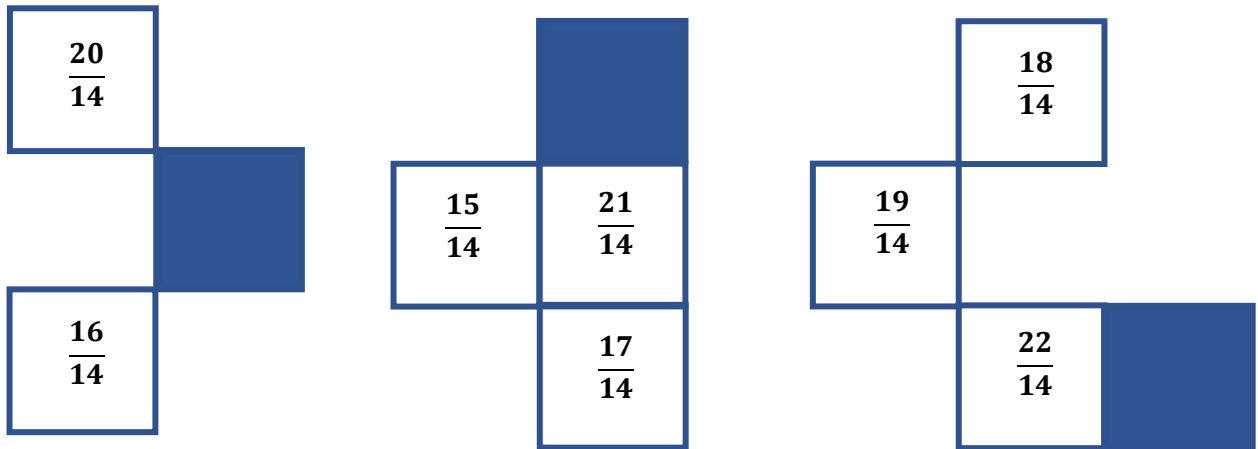
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 15

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{15}{14}, \frac{16}{14}, \frac{17}{14}, \frac{18}{14}, \frac{19}{14}, \frac{20}{14}, \frac{21}{14}, \frac{22}{14}, \frac{23}{14}$$

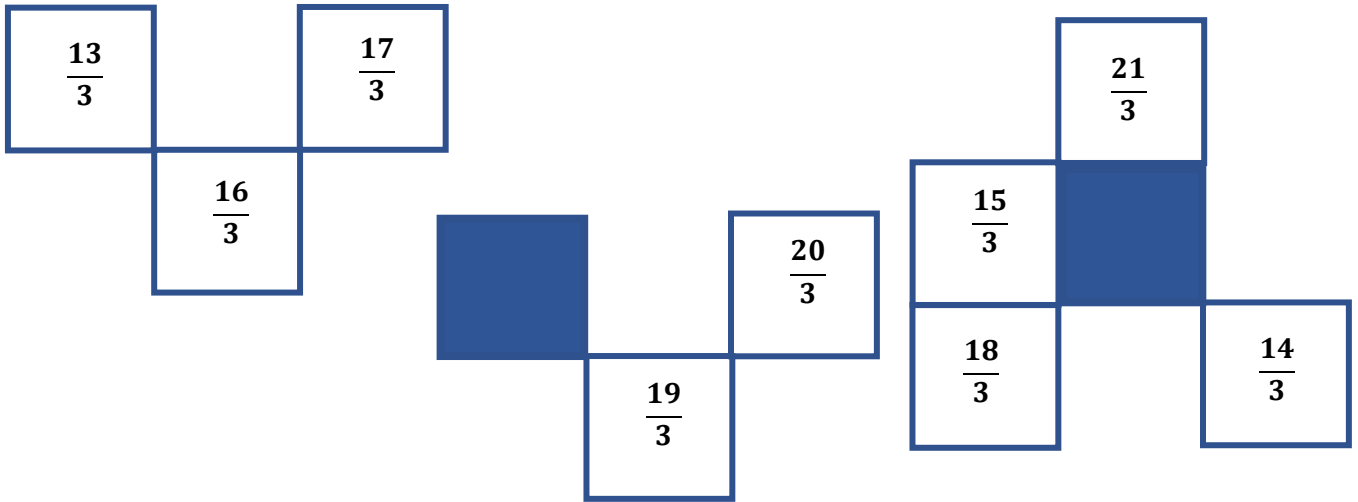
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 16

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{13}{3}, \frac{14}{3}, \frac{15}{3}, \frac{16}{3}, \frac{17}{3}, \frac{18}{3}, \frac{19}{3}, \frac{20}{3}, \frac{21}{3}$$

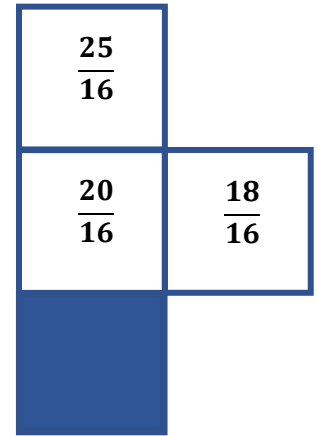
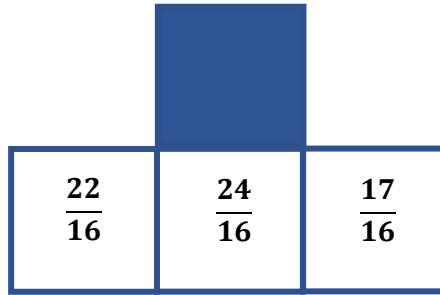
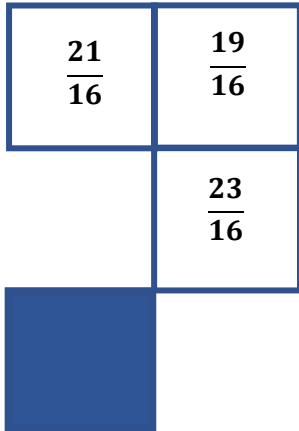
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 17

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{17}{16}, \frac{18}{16}, \frac{19}{16}, \frac{20}{16}, \frac{21}{16}, \frac{22}{16}, \frac{23}{16}, \frac{24}{16}, \frac{25}{16}$$

Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

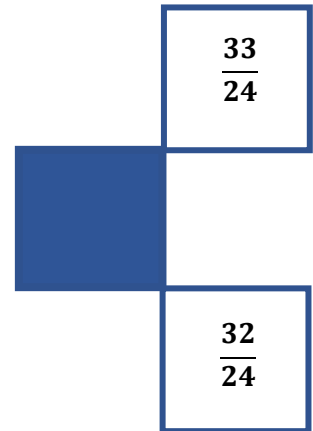
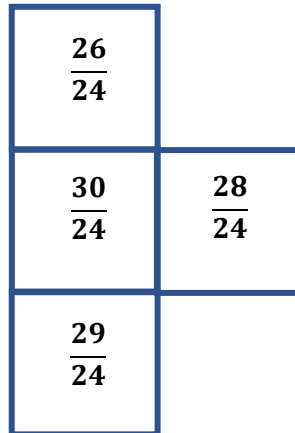
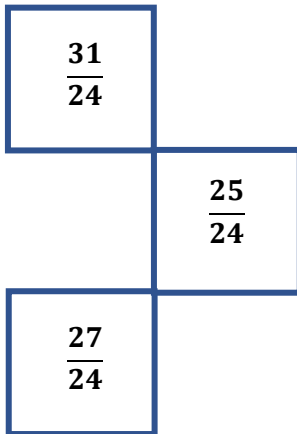
**Improper Number Grid**


**Proper Number Grid**




# Make It Proper 18

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{25}{24}, \frac{26}{24}, \frac{27}{24}, \frac{28}{24}, \frac{29}{24}, \frac{30}{24}, \frac{31}{24}, \frac{32}{24}, \frac{33}{24}$$

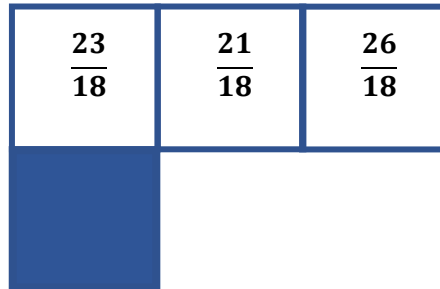
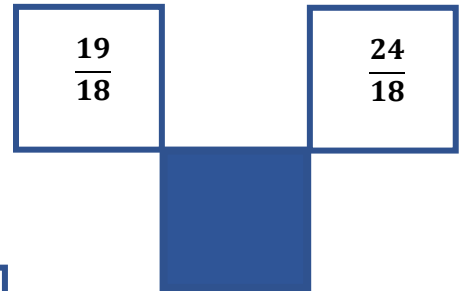
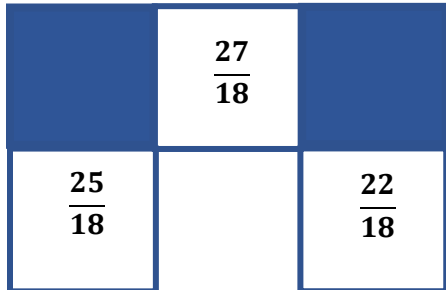
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 19

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{19}{18}, \frac{20}{18}, \frac{21}{18}, \frac{22}{18}, \frac{23}{18}, \frac{24}{18}, \frac{25}{18}, \frac{26}{18}, \frac{27}{18}$$

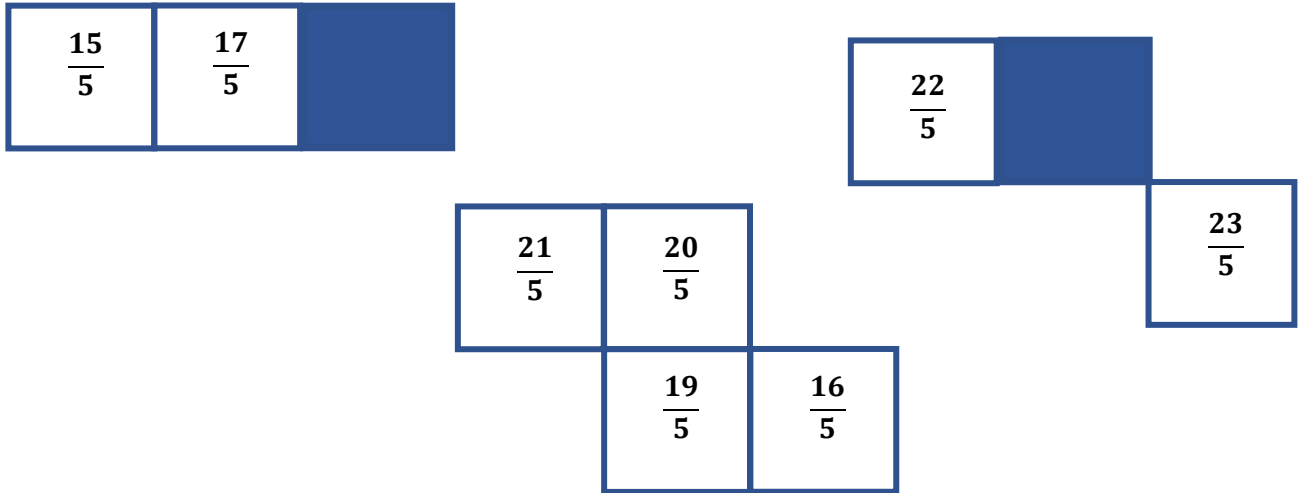
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 20

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{15}{5}, \frac{16}{5}, \frac{17}{5}, \frac{18}{5}, \frac{19}{5}, \frac{20}{5}, \frac{21}{5}, \frac{22}{5}, \frac{23}{5}$$

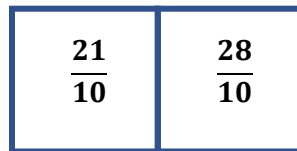
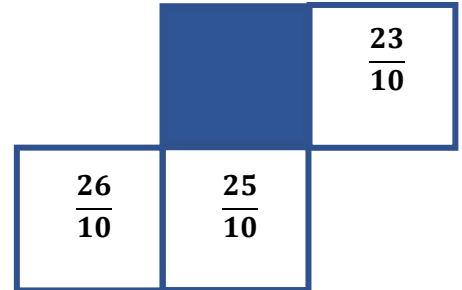
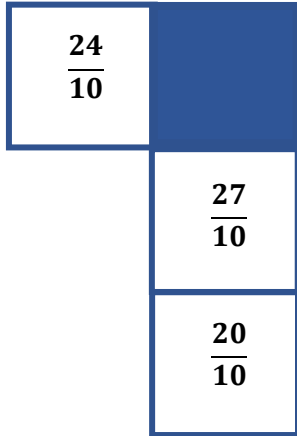
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 21

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{20}{10}, \frac{21}{10}, \frac{22}{10}, \frac{23}{10}, \frac{24}{10}, \frac{25}{10}, \frac{26}{10}, \frac{27}{10}, \frac{28}{10}$$

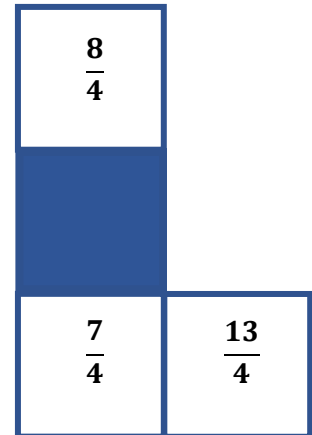
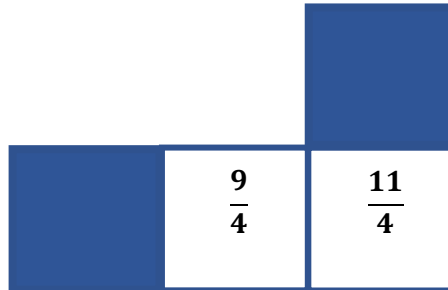
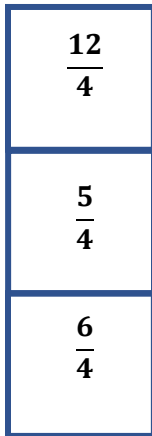
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 22

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{5}{4}, \frac{6}{4}, \frac{7}{4}, \frac{8}{4}, \frac{9}{4}, \frac{10}{4}, \frac{11}{4}, \frac{12}{4}, \frac{13}{4}$$

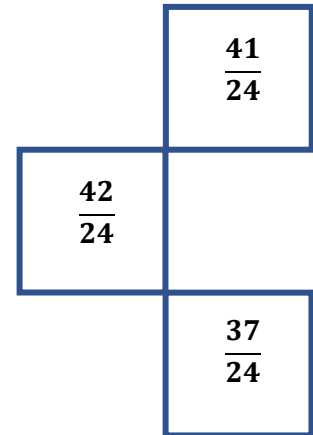
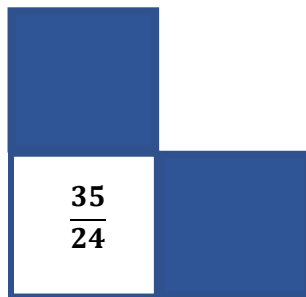
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 23

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{34}{24}, \frac{35}{24}, \frac{36}{24}, \frac{37}{24}, \frac{38}{24}, \frac{39}{24}, \frac{40}{24}, \frac{41}{24}, \frac{42}{24}$$

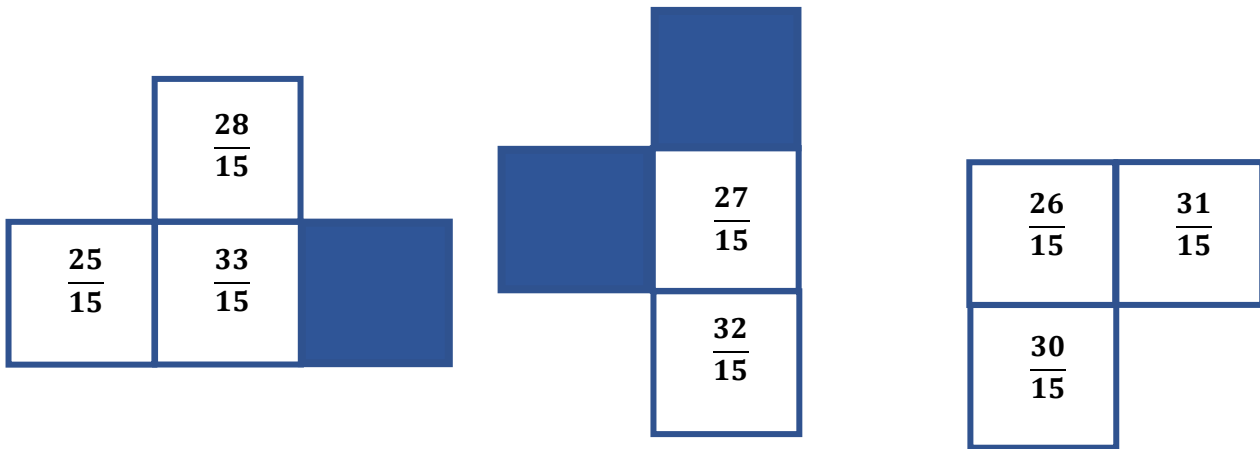
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 24

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{25}{15}, \frac{26}{15}, \frac{27}{15}, \frac{28}{15}, \frac{29}{15}, \frac{30}{15}, \frac{31}{15}, \frac{32}{15}, \frac{33}{15}$$

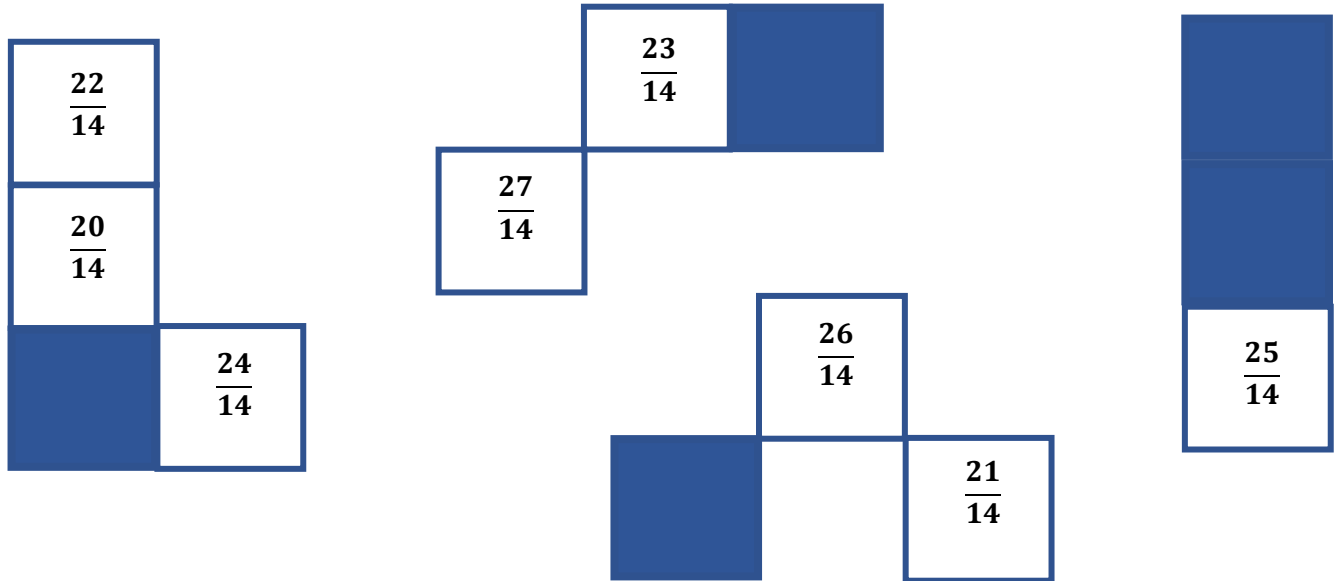
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 25

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{20}{14}, \frac{21}{14}, \frac{22}{14}, \frac{23}{14}, \frac{24}{14}, \frac{25}{14}, \frac{26}{14}, \frac{27}{14}, \frac{28}{14}$$

Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

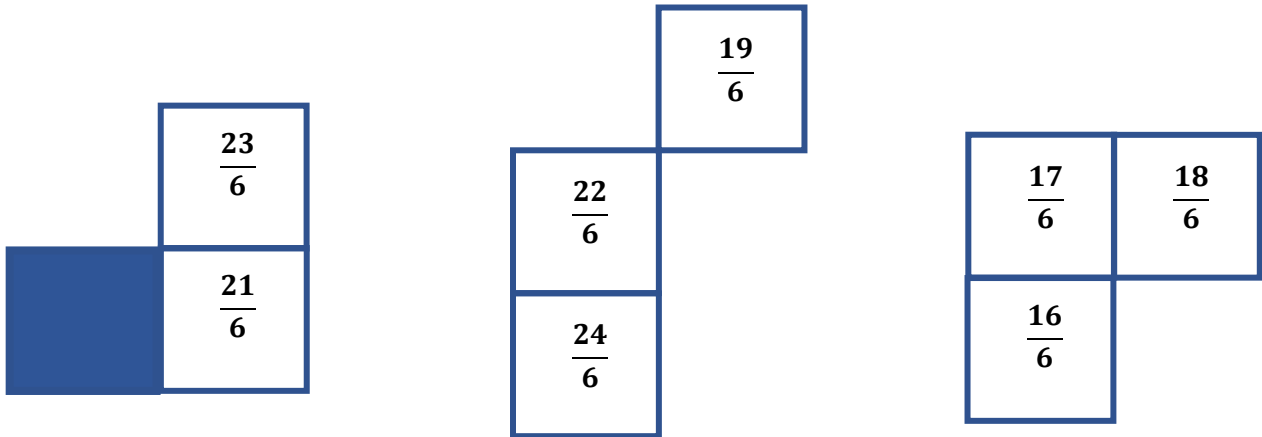
**Improper Number Grid**


**Proper Number Grid**




# Make It Proper 26

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{16}{6}, \frac{17}{6}, \frac{18}{6}, \frac{19}{6}, \frac{20}{6}, \frac{21}{6}, \frac{22}{6}, \frac{23}{6}, \frac{24}{6}$$

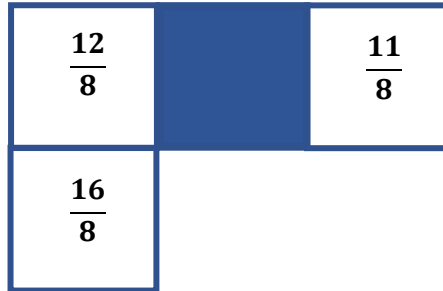
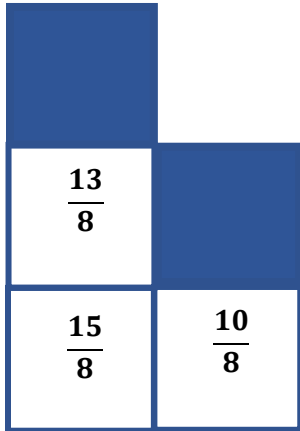
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 27

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{9}{8}, \frac{10}{8}, \frac{11}{8}, \frac{12}{8}, \frac{13}{8}, \frac{14}{8}, \frac{15}{8}, \frac{16}{8}, \frac{17}{8}$$

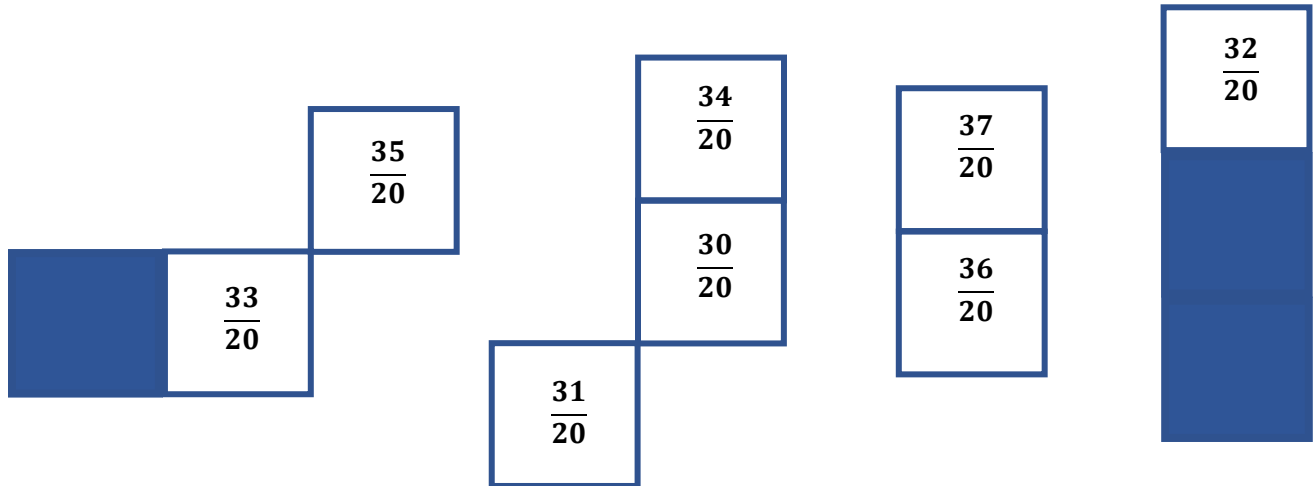
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 28

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{30}{20}, \frac{31}{20}, \frac{32}{20}, \frac{33}{20}, \frac{34}{20}, \frac{35}{20}, \frac{36}{20}, \frac{37}{20}, \frac{38}{20}$$

Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

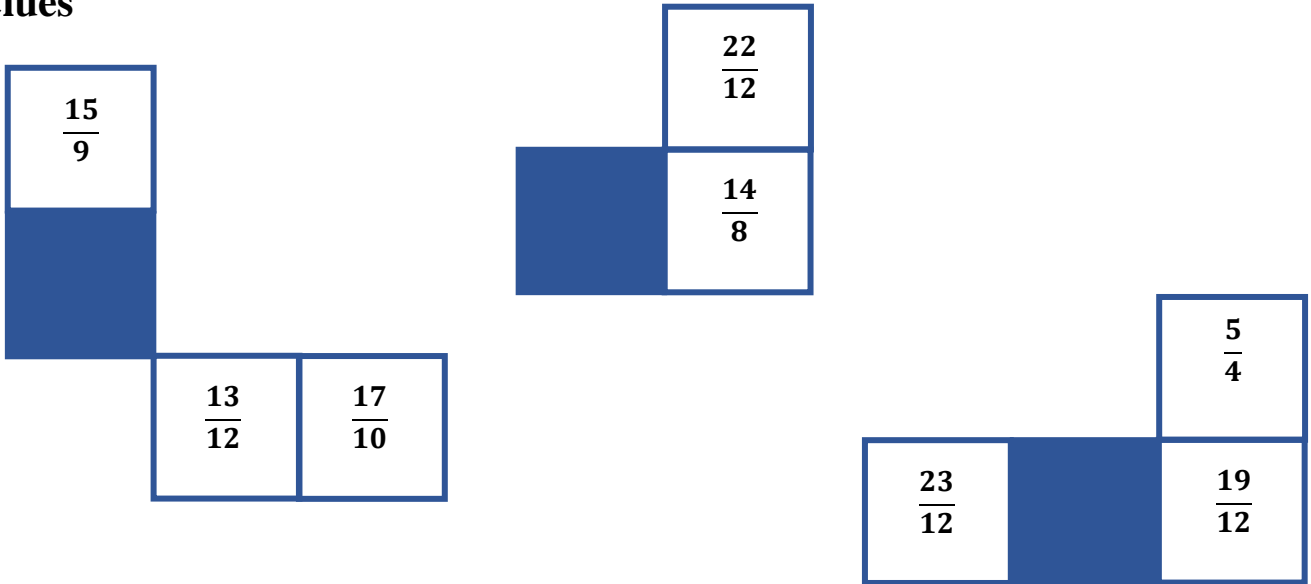
**Improper Number Grid**


**Proper Number Grid**


**Section 2**  
**Mixed**  
**Denominators**

# Make It Proper 29

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{5}{4}, \frac{14}{6}, \frac{14}{8}, \frac{15}{9}, \frac{17}{10}, \frac{13}{12}, \frac{19}{12}, \frac{22}{12}, \frac{23}{12}$$

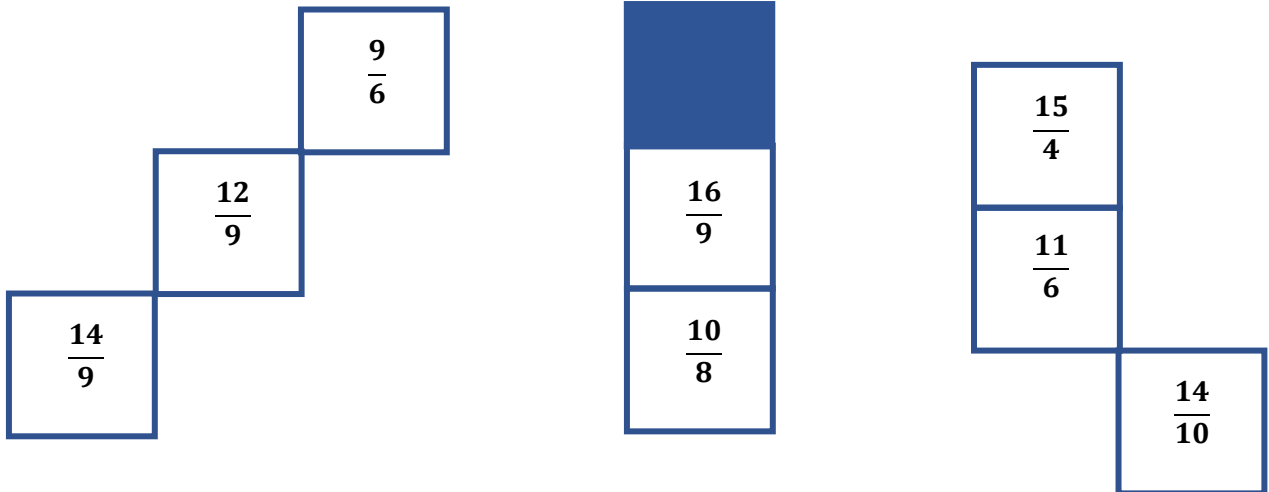
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 30

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{15}{4}, \frac{9}{6}, \frac{11}{6}, \frac{10}{8}, \frac{12}{9}, \frac{14}{9}, \frac{16}{9}, \frac{14}{10}, \frac{14}{12}$$

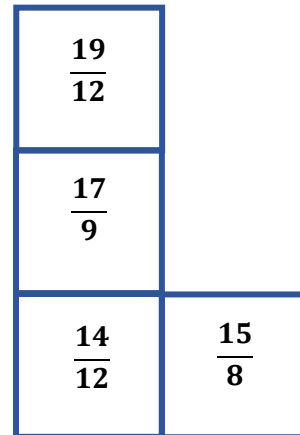
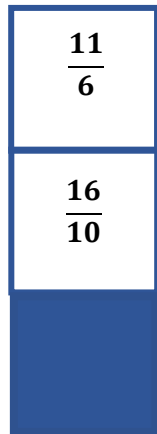
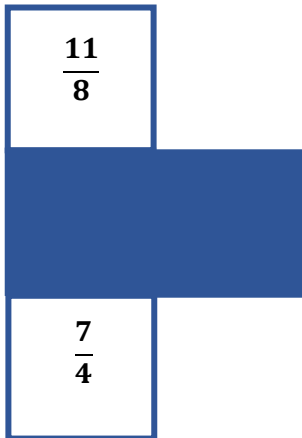
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 31

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{7}{4}, \frac{11}{6}, \frac{11}{8}, \frac{15}{8}, \frac{11}{9}, \frac{17}{9}, \frac{16}{10}, \frac{14}{12}, \frac{19}{12}$$

Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 32

## Clues

$\frac{12}{10}$
$\frac{7}{4}$
$\frac{11}{9}$

$\frac{12}{8}$		$\frac{13}{9}$
		$\frac{10}{4}$

$\frac{15}{12}$		$\frac{10}{6}$
$\frac{16}{12}$		

Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{7}{4}, \frac{10}{4}, \frac{10}{6}, \frac{12}{8}, \frac{11}{9}, \frac{13}{9}, \frac{12}{10}, \frac{15}{12}, \frac{16}{12}$$

Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

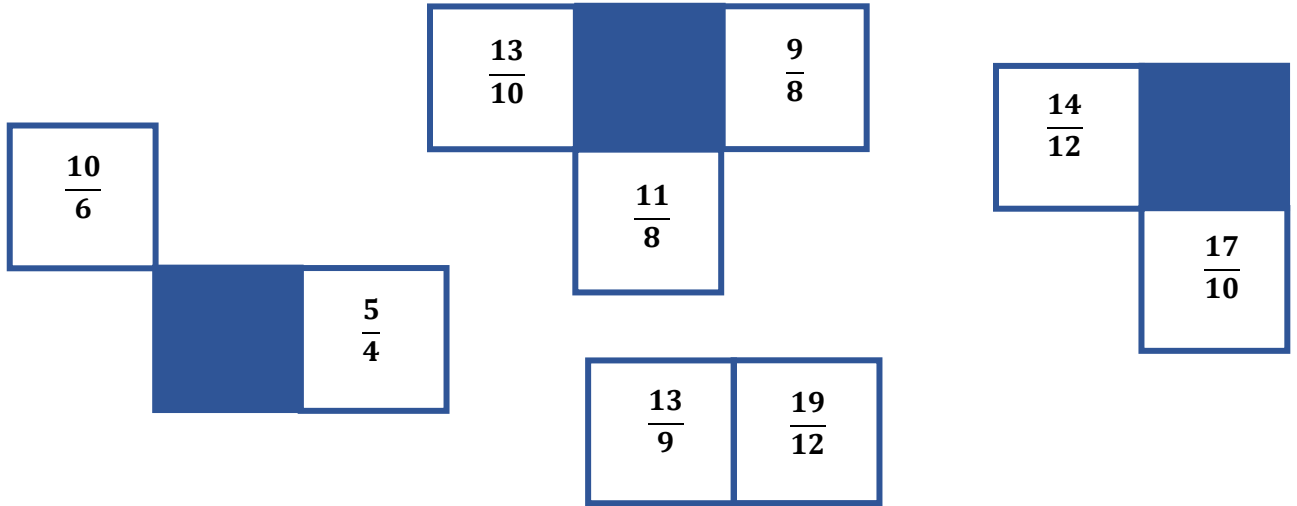
**Improper Number Grid**


**Proper Number Grid**




# Make It Proper 33

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{5}{4}, \frac{10}{6}, \frac{9}{8}, \frac{11}{8}, \frac{13}{9}, \frac{13}{10}, \frac{17}{10}, \frac{14}{12}, \frac{19}{12}$$

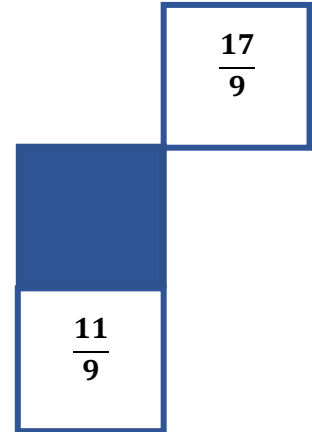
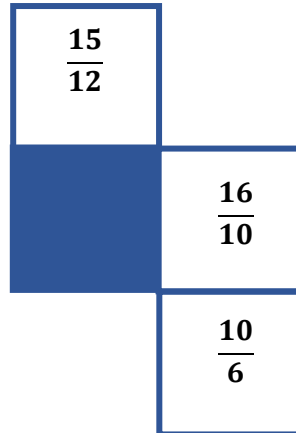
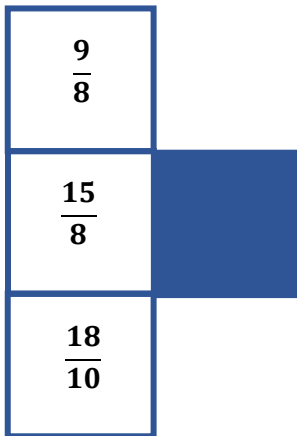
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 34

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{7}{4}, \frac{10}{6}, \frac{9}{8}, \frac{15}{8}, \frac{11}{9}, \frac{17}{9}, \frac{16}{10}, \frac{18}{10}, \frac{15}{12}$$

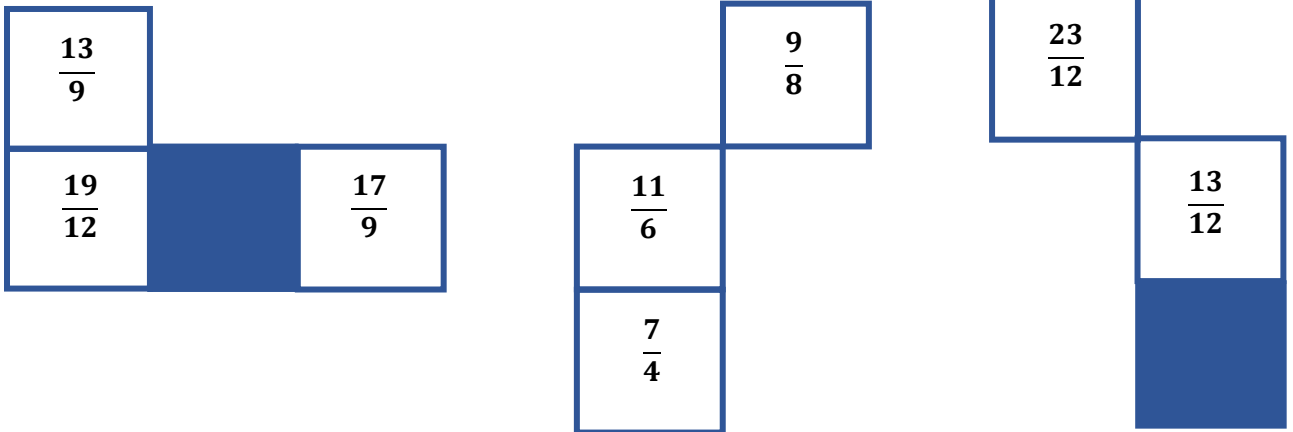
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 35

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{7}{4}, \frac{11}{6}, \frac{9}{8}, \frac{13}{9}, \frac{17}{9}, \frac{18}{10}, \frac{13}{12}, \frac{19}{12}, \frac{23}{12}$$

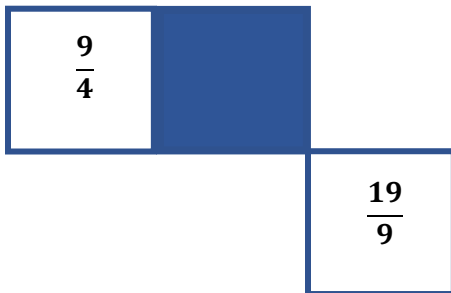
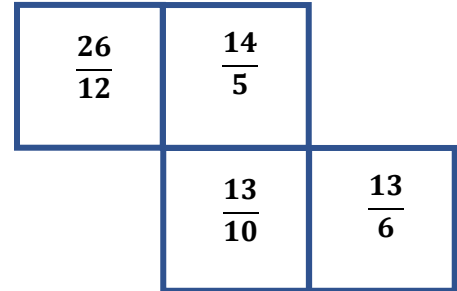
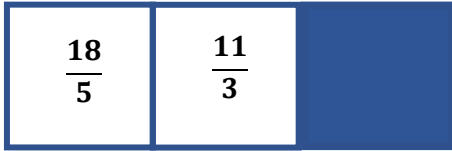
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 36

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{11}{3}, \frac{9}{4}, \frac{14}{5}, \frac{18}{5}, \frac{13}{6}, \frac{11}{8}, \frac{19}{9}, \frac{13}{10}, \frac{26}{12}$$

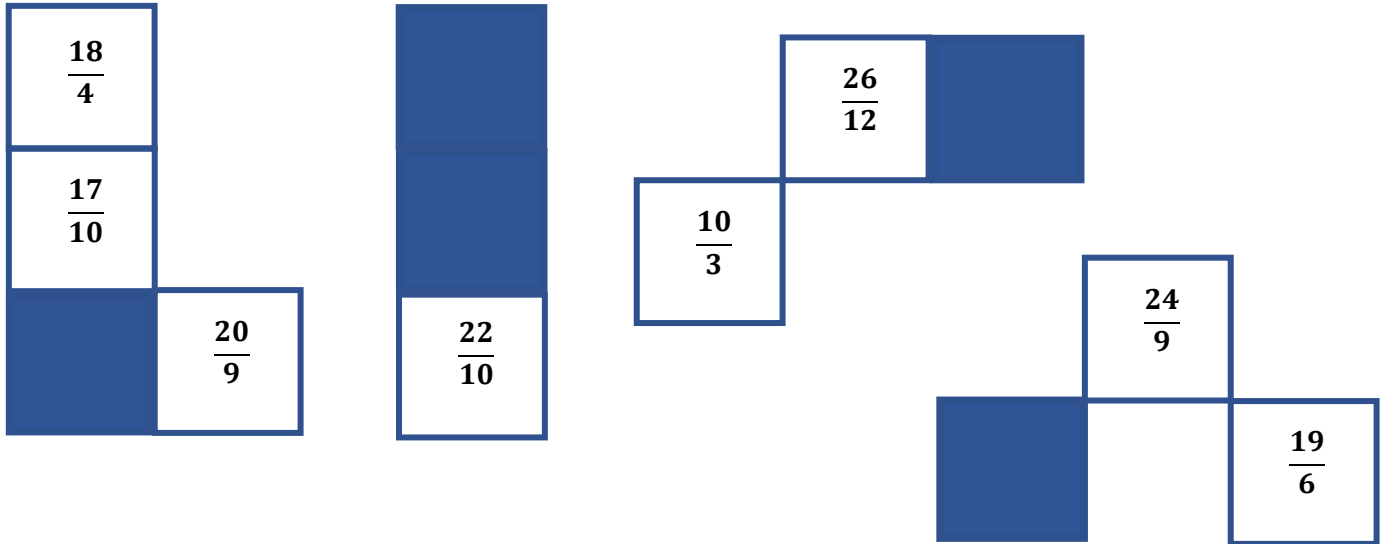
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 37

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{10}{3}, \frac{18}{4}, \frac{19}{6}, \frac{20}{8}, \frac{20}{9}, \frac{24}{9}, \frac{17}{10}, \frac{22}{10}, \frac{26}{12}$$

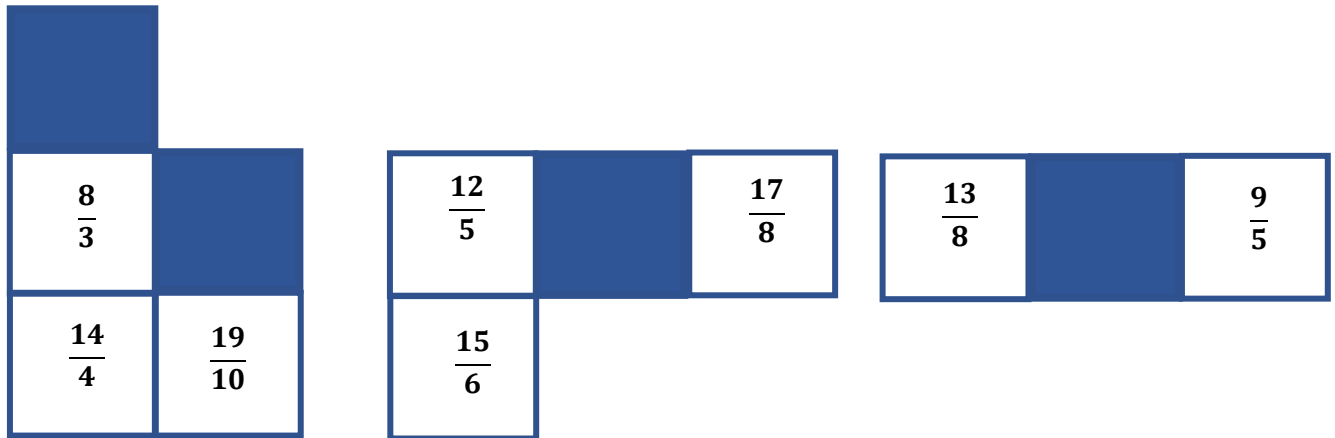
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 38

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{8}{3}, \frac{14}{4}, \frac{9}{5}, \frac{12}{5}, \frac{15}{6}, \frac{13}{8}, \frac{17}{8}, \frac{19}{10}, \frac{17}{12}$$

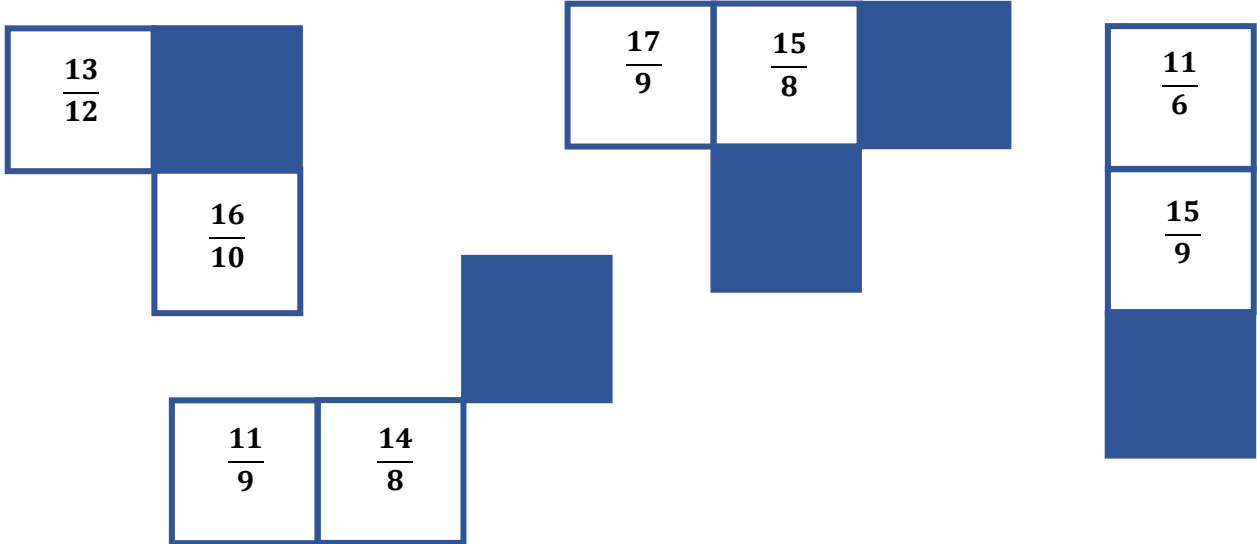
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 39

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{5}{4}, \frac{11}{6}, \frac{14}{8}, \frac{15}{8}, \frac{11}{9}, \frac{15}{9}, \frac{17}{9}, \frac{16}{10}, \frac{13}{12}$$

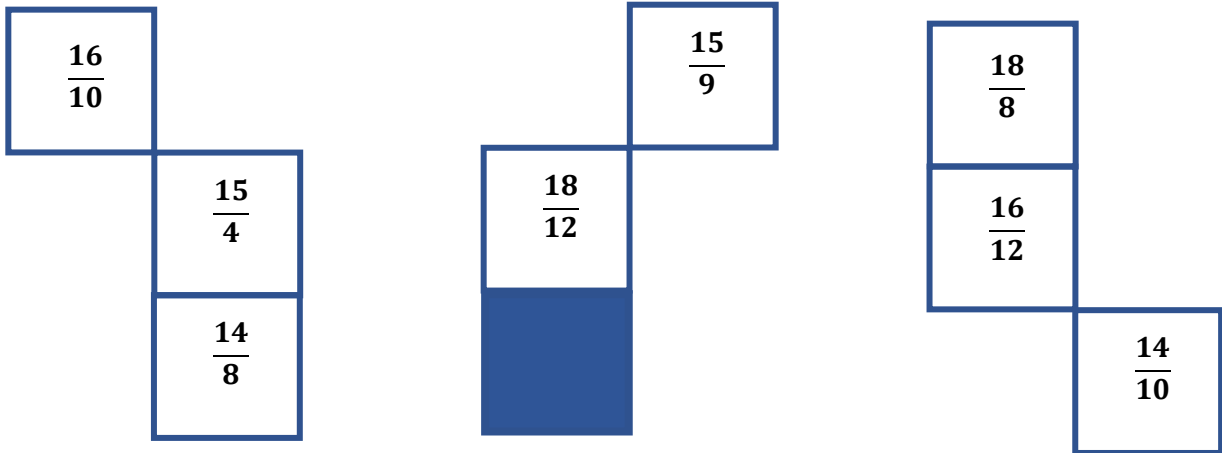
Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**


# Make It Proper 40

## Clues



Use the clues.

Place these fractions in the Improper Number Grid:

$$\frac{15}{4}, \frac{14}{6}, \frac{14}{8}, \frac{18}{8}, \frac{15}{9}, \frac{14}{10}, \frac{16}{10}, \frac{16}{12}, \frac{18}{12}$$

Place proper number equivalents in the Proper Number Grid. Be sure to simplify fractions.

**Improper Number Grid**


**Proper Number Grid**




# Solutions

## Make It Proper 1

### Improper Number Grid

$\frac{12}{9}$	$\frac{17}{9}$	$\frac{16}{9}$
$\frac{11}{9}$	$\frac{15}{9}$	$\frac{10}{9}$
$\frac{14}{9}$	$\frac{18}{9}$	$\frac{13}{9}$

### Proper Number Grid

$1\frac{1}{3}$	$1\frac{8}{9}$	$1\frac{7}{9}$
$1\frac{2}{9}$	$1\frac{2}{3}$	$1\frac{1}{9}$
$1\frac{5}{9}$	2	$1\frac{4}{9}$

## Make It Proper 2

### Improper Number Grid

$\frac{28}{16}$	$\frac{32}{16}$	$\frac{33}{16}$
$\frac{34}{16}$	$\frac{26}{16}$	$\frac{31}{16}$
$\frac{27}{16}$	$\frac{30}{16}$	$\frac{29}{16}$

### Proper Number Grid

$1\frac{3}{4}$	2	$2\frac{1}{16}$
$2\frac{1}{8}$	$1\frac{5}{8}$	$1\frac{15}{16}$
$1\frac{11}{16}$	$1\frac{7}{8}$	$1\frac{13}{16}$

## Make It Proper 3

### Improper Number Grid

$\frac{10}{5}$	$\frac{7}{5}$	$\frac{13}{5}$
$\frac{14}{5}$	$\frac{12}{5}$	$\frac{6}{5}$
$\frac{8}{5}$	$\frac{9}{5}$	$\frac{11}{5}$

### Proper Number Grid

2	$1\frac{2}{5}$	$2\frac{3}{5}$
$2\frac{4}{5}$	$2\frac{2}{5}$	$1\frac{1}{5}$
$1\frac{3}{5}$	$1\frac{4}{5}$	$2\frac{1}{5}$

## Make It Proper 4

### Improper Number Grid

$\frac{29}{18}$	$\frac{34}{18}$	$\frac{31}{18}$
$\frac{36}{18}$	$\frac{30}{18}$	$\frac{35}{18}$
$\frac{32}{18}$	$\frac{28}{18}$	$\frac{33}{18}$

### Proper Number Grid

$1\frac{11}{18}$	$1\frac{8}{9}$	$1\frac{13}{18}$
2	$1\frac{2}{3}$	$1\frac{17}{18}$
$1\frac{7}{9}$	$1\frac{5}{9}$	$1\frac{5}{6}$

## Make It Proper 5

### Improper Number Grid

$\frac{22}{12}$	$\frac{30}{12}$	$\frac{27}{12}$
$\frac{26}{12}$	$\frac{23}{12}$	$\frac{29}{12}$
$\frac{24}{12}$	$\frac{28}{12}$	$\frac{25}{12}$

### Proper Number Grid

$1\frac{5}{6}$	$2\frac{1}{2}$	$2\frac{1}{4}$
$2\frac{1}{6}$	$1\frac{11}{12}$	$2\frac{5}{12}$
2	$2\frac{1}{3}$	$2\frac{1}{12}$

## Make It Proper 6

### Improper Number Grid

$\frac{14}{10}$	$\frac{12}{10}$	$\frac{17}{10}$
$\frac{18}{10}$	$\frac{11}{10}$	$\frac{13}{10}$
$\frac{16}{10}$	$\frac{15}{10}$	$\frac{19}{10}$

### Proper Number Grid

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

## Make It Proper 7

### Improper Number Grid

$\frac{26}{8}$	$\frac{18}{8}$	$\frac{25}{8}$
$\frac{21}{8}$	$\frac{24}{8}$	$\frac{20}{8}$
$\frac{19}{8}$	$\frac{22}{8}$	$\frac{23}{8}$

### Proper Number Grid

$3\frac{1}{4}$	$2\frac{1}{4}$	$3\frac{1}{8}$
$2\frac{5}{8}$	3	$2\frac{1}{2}$
$2\frac{3}{8}$	$2\frac{3}{4}$	$2\frac{7}{8}$

## Make It Proper 8

### Improper Number Grid

$\frac{25}{20}$	$\frac{28}{20}$	$\frac{23}{20}$
$\frac{21}{20}$	$\frac{26}{20}$	$\frac{22}{20}$
$\frac{24}{20}$	$\frac{29}{20}$	$\frac{27}{20}$

### Proper Number Grid

$1\frac{1}{4}$	$1\frac{2}{5}$	$1\frac{3}{20}$
$1\frac{1}{20}$	$1\frac{3}{10}$	$1\frac{1}{10}$
$1\frac{1}{5}$	$1\frac{9}{20}$	$1\frac{7}{20}$

## Make It Proper 9

### Improper Number Grid

$\frac{23}{15}$	$\frac{19}{15}$	$\frac{18}{15}$
$\frac{22}{15}$	$\frac{16}{15}$	$\frac{21}{15}$
$\frac{17}{15}$	$\frac{20}{15}$	$\frac{24}{15}$

### Proper Number Grid

$1\frac{8}{15}$	$1\frac{4}{15}$	$1\frac{1}{5}$
$1\frac{7}{15}$	$1\frac{1}{15}$	$1\frac{2}{5}$
$1\frac{2}{15}$	$1\frac{1}{3}$	$1\frac{3}{5}$

## Make It Proper 10

### Improper Number Grid

$\frac{8}{3}$	$\frac{9}{3}$	$\frac{6}{3}$
$\frac{7}{3}$	$\frac{4}{3}$	$\frac{12}{3}$
$\frac{5}{3}$	$\frac{10}{3}$	$\frac{11}{3}$

### Proper Number Grid

$2\frac{2}{3}$	3	2
$2\frac{1}{3}$	$1\frac{1}{3}$	4
$1\frac{2}{3}$	$3\frac{1}{3}$	$3\frac{2}{3}$

## Make It Proper 11

### Improper Number Grid

$\frac{9}{6}$	$\frac{7}{6}$	$\frac{15}{6}$
$\frac{14}{6}$	$\frac{13}{6}$	$\frac{12}{6}$
$\frac{11}{6}$	$\frac{8}{6}$	$\frac{10}{6}$

### Proper Number Grid

$1\frac{1}{2}$	$1\frac{1}{6}$	$2\frac{1}{2}$
$2\frac{1}{3}$	$2\frac{1}{6}$	2
$1\frac{5}{6}$	$1\frac{1}{3}$	$1\frac{2}{3}$

## Make It Proper 12

### Improper Number Grid

$\frac{20}{9}$	$\frac{27}{9}$	$\frac{25}{9}$
$\frac{26}{9}$	$\frac{22}{9}$	$\frac{21}{9}$
$\frac{19}{9}$	$\frac{23}{9}$	$\frac{24}{9}$

### Proper Number Grid

$2\frac{2}{9}$	3	$2\frac{7}{9}$
$2\frac{8}{9}$	$2\frac{4}{9}$	$2\frac{1}{3}$
$2\frac{1}{9}$	$2\frac{5}{9}$	$2\frac{2}{3}$

## Make It Proper 13

### Improper Number Grid

$\frac{16}{12}$	$\frac{13}{12}$	$\frac{19}{12}$
$\frac{14}{12}$	$\frac{15}{12}$	$\frac{17}{12}$
$\frac{18}{12}$	$\frac{21}{12}$	$\frac{20}{12}$

### Proper Number Grid

$1\frac{1}{3}$	$1\frac{1}{12}$	$1\frac{7}{12}$
$1\frac{1}{6}$	$1\frac{1}{4}$	$1\frac{5}{12}$
$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{2}{3}$

## Make It Proper 14

### Improper Number Grid

$\frac{22}{4}$	$\frac{19}{4}$	$\frac{16}{4}$
$\frac{14}{4}$	$\frac{21}{4}$	$\frac{18}{4}$
$\frac{17}{4}$	$\frac{15}{4}$	$\frac{20}{4}$

### Proper Number Grid

$5\frac{1}{2}$	$4\frac{3}{4}$	4
$3\frac{1}{2}$	$5\frac{1}{4}$	$4\frac{1}{2}$
$4\frac{1}{4}$	$3\frac{3}{4}$	5



## Make It Proper 15

### Improper Number Grid

$\frac{20}{14}$	$\frac{18}{14}$	$\frac{23}{14}$
$\frac{19}{14}$	$\frac{15}{14}$	$\frac{21}{14}$
$\frac{16}{14}$	$\frac{22}{14}$	$\frac{17}{14}$

### Proper Number Grid

$1\frac{3}{7}$	$1\frac{2}{7}$	$1\frac{9}{14}$
$1\frac{5}{14}$	$1\frac{1}{14}$	$1\frac{1}{2}$
$1\frac{1}{7}$	$1\frac{4}{7}$	$1\frac{3}{14}$

## Make It Proper 16

### Improper Number Grid

$\frac{13}{3}$	$\frac{21}{3}$	$\frac{17}{3}$
$\frac{15}{3}$	$\frac{16}{3}$	$\frac{20}{3}$
$\frac{18}{3}$	$\frac{19}{3}$	$\frac{14}{3}$

### Proper Number Grid

$4\frac{1}{3}$	7	$5\frac{2}{3}$
5	$5\frac{1}{3}$	$6\frac{2}{3}$
6	$6\frac{1}{3}$	$4\frac{2}{3}$

## Make It Proper 17

### Improper Number Grid

$\frac{25}{16}$	$\frac{21}{16}$	$\frac{19}{16}$
$\frac{20}{16}$	$\frac{18}{16}$	$\frac{23}{16}$
$\frac{22}{16}$	$\frac{24}{16}$	$\frac{17}{16}$

### Proper Number Grid

$1\frac{9}{16}$	$1\frac{5}{16}$	$1\frac{3}{16}$
$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{7}{16}$
$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{1}{16}$

## Make It Proper 18

### Improper Number Grid

$\frac{26}{24}$	$\frac{31}{24}$	$\frac{33}{24}$
$\frac{30}{24}$	$\frac{28}{24}$	$\frac{25}{24}$
$\frac{29}{24}$	$\frac{27}{24}$	$\frac{32}{24}$

### Proper Number Grid

$1\frac{1}{12}$	$1\frac{7}{24}$	$1\frac{3}{8}$
$1\frac{1}{4}$	$1\frac{1}{6}$	$1\frac{1}{24}$
$1\frac{5}{24}$	$1\frac{1}{8}$	$1\frac{1}{3}$

## Make It Proper 19

### Improper Number Grid

$\frac{23}{18}$	$\frac{21}{18}$	$\frac{26}{18}$
$\frac{19}{18}$	$\frac{27}{18}$	$\frac{24}{18}$
$\frac{25}{18}$	$\frac{20}{18}$	$\frac{22}{18}$

### Proper Number Grid

$1\frac{5}{18}$	$1\frac{1}{6}$	$1\frac{4}{9}$
$1\frac{1}{18}$	$1\frac{1}{2}$	$1\frac{1}{3}$
$1\frac{7}{18}$	$1\frac{1}{9}$	$1\frac{2}{9}$

## Make It Proper 20

### Improper Number Grid

$\frac{21}{5}$	$\frac{20}{5}$	$\frac{18}{5}$
$\frac{22}{5}$	$\frac{19}{5}$	$\frac{16}{5}$
$\frac{15}{5}$	$\frac{17}{5}$	$\frac{23}{5}$

### Proper Number Grid

$4\frac{1}{5}$	4	$3\frac{3}{5}$
$4\frac{2}{5}$	$3\frac{4}{5}$	$3\frac{1}{5}$
3	$3\frac{2}{5}$	$4\frac{3}{5}$

## Make It Proper 21

### Improper Number Grid

$\frac{22}{10}$	$\frac{24}{10}$	$\frac{23}{10}$
$\frac{26}{10}$	$\frac{25}{10}$	$\frac{27}{10}$
$\frac{21}{10}$	$\frac{28}{10}$	$\frac{20}{10}$

### Proper Number Grid

$2\frac{1}{5}$	$2\frac{2}{5}$	$2\frac{3}{10}$
$2\frac{3}{5}$	$2\frac{1}{2}$	$2\frac{7}{10}$
$2\frac{1}{10}$	$2\frac{4}{5}$	2

## Make It Proper 22

### Improper Number Grid

$\frac{12}{4}$	$\frac{8}{4}$	$\frac{10}{4}$
$\frac{5}{4}$	$\frac{9}{4}$	$\frac{11}{4}$
$\frac{6}{4}$	$\frac{7}{4}$	$\frac{13}{4}$

### Proper Number Grid

3	2	$2\frac{1}{2}$
$1\frac{1}{4}$	$2\frac{1}{4}$	$2\frac{3}{4}$
$1\frac{1}{2}$	$1\frac{3}{4}$	$3\frac{1}{4}$

## Make It Proper 23

### Improper Number Grid

$\frac{34}{24}$	$\frac{36}{24}$	$\frac{41}{24}$
$\frac{40}{24}$	$\frac{42}{24}$	$\frac{38}{24}$
$\frac{35}{24}$	$\frac{39}{24}$	$\frac{37}{24}$

### Proper Number Grid

$1\frac{5}{12}$	$1\frac{1}{2}$	$1\frac{17}{24}$
$1\frac{2}{3}$	$1\frac{3}{4}$	$1\frac{7}{12}$
$1\frac{11}{24}$	$1\frac{5}{8}$	$1\frac{13}{24}$

## Make It Proper 24

### Improper Number Grid

$\frac{26}{15}$	$\frac{31}{15}$	$\frac{29}{15}$
$\frac{30}{15}$	$\frac{28}{15}$	$\frac{27}{15}$
$\frac{25}{15}$	$\frac{33}{15}$	$\frac{32}{15}$

### Proper Number Grid

$1\frac{11}{15}$	$2\frac{1}{15}$	$1\frac{14}{15}$
2	$1\frac{13}{15}$	$1\frac{4}{5}$
$1\frac{2}{3}$	$2\frac{1}{5}$	$2\frac{2}{15}$

## Make It Proper 25

### Improper Number Grid

$\frac{22}{14}$	$\frac{26}{14}$	$\frac{28}{14}$
$\frac{20}{14}$	$\frac{23}{14}$	$\frac{21}{14}$
$\frac{27}{14}$	$\frac{24}{14}$	$\frac{25}{14}$

### Proper Number Grid

$1\frac{4}{7}$	$1\frac{6}{7}$	2
$1\frac{3}{7}$	$1\frac{9}{14}$	$1\frac{1}{2}$
$1\frac{13}{14}$	$1\frac{5}{7}$	$1\frac{11}{14}$

## Make It Proper 26

### Improper Number Grid

$\frac{17}{6}$	$\frac{18}{6}$	$\frac{19}{6}$
$\frac{16}{6}$	$\frac{22}{6}$	$\frac{23}{6}$
$\frac{20}{6}$	$\frac{24}{6}$	$\frac{21}{6}$

### Proper Number Grid

$2\frac{5}{6}$	3	$3\frac{1}{6}$
$2\frac{2}{3}$	$3\frac{2}{3}$	$3\frac{5}{6}$
$3\frac{1}{3}$	4	$3\frac{1}{2}$

## Make It Proper 27

### Improper Number Grid

$\frac{9}{8}$	$\frac{14}{8}$	$\frac{17}{8}$
$\frac{12}{8}$	$\frac{13}{8}$	$\frac{11}{8}$
$\frac{16}{8}$	$\frac{15}{8}$	$\frac{10}{8}$

### Proper Number Grid

$1\frac{1}{8}$	$1\frac{3}{4}$	$2\frac{1}{8}$
$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{8}$
2	$1\frac{7}{8}$	$1\frac{1}{4}$

## Make It Proper 28

### Improper Number Grid

$\frac{37}{20}$	$\frac{34}{20}$	$\frac{32}{20}$
$\frac{36}{20}$	$\frac{30}{20}$	$\frac{35}{20}$
$\frac{31}{20}$	$\frac{33}{20}$	$\frac{28}{20}$

### Proper Number Grid

$1\frac{17}{20}$	$1\frac{7}{10}$	$1\frac{3}{5}$
$1\frac{4}{5}$	$1\frac{1}{2}$	$1\frac{3}{4}$
$1\frac{11}{20}$	$1\frac{13}{20}$	$1\frac{9}{10}$

## Make It Proper 29

### Improper Number Grid

$\frac{15}{9}$	$\frac{22}{12}$	$\frac{5}{4}$
$\frac{23}{12}$	$\frac{14}{8}$	$\frac{19}{12}$
$\frac{14}{6}$	$\frac{13}{12}$	$\frac{17}{10}$

### Proper Number Grid

$1\frac{2}{3}$	$1\frac{5}{6}$	$1\frac{1}{4}$
$1\frac{11}{12}$	$1\frac{3}{4}$	$1\frac{7}{12}$
$2\frac{1}{3}$	$1\frac{1}{12}$	$1\frac{7}{10}$

## Make It Proper 30

### Improper Number Grid

$\frac{15}{4}$	$\frac{14}{12}$	$\frac{9}{6}$
$\frac{11}{6}$	$\frac{12}{9}$	$\frac{16}{9}$
$\frac{14}{9}$	$\frac{14}{10}$	$\frac{10}{8}$

### Proper Number Grid

$3\frac{3}{4}$	$1\frac{1}{6}$	$1\frac{1}{2}$
$1\frac{5}{6}$	$1\frac{1}{3}$	$1\frac{7}{9}$
$1\frac{5}{9}$	$1\frac{2}{5}$	$1\frac{1}{4}$



## Make It Proper 31

### Improper Number Grid

$\frac{11}{8}$	$\frac{19}{12}$	$\frac{11}{6}$
$\frac{11}{9}$	$\frac{17}{9}$	$\frac{16}{10}$
$\frac{7}{4}$	$\frac{14}{12}$	$\frac{15}{8}$

### Proper Number Grid

$1\frac{3}{8}$	$1\frac{7}{12}$	$1\frac{5}{6}$
$1\frac{2}{9}$	$1\frac{8}{9}$	$1\frac{3}{5}$
$1\frac{3}{4}$	$1\frac{1}{6}$	$1\frac{7}{8}$

## Make It Proper 32

### Improper Number Grid

$\frac{15}{12}$	$\frac{12}{10}$	$\frac{10}{6}$
$\frac{16}{12}$	$\frac{7}{4}$	$\frac{13}{9}$
$\frac{12}{8}$	$\frac{11}{9}$	$\frac{10}{4}$

### Proper Number Grid

$1\frac{1}{4}$	$1\frac{1}{5}$	$1\frac{2}{3}$
$1\frac{1}{3}$	$1\frac{3}{4}$	$1\frac{4}{9}$
$1\frac{1}{2}$	$1\frac{2}{9}$	$2\frac{1}{2}$

## Make It Proper 33

### Improper Number Grid

$\frac{13}{10}$	$\frac{14}{12}$	$\frac{9}{8}$
$\frac{10}{6}$	$\frac{11}{8}$	$\frac{17}{10}$
$\frac{13}{9}$	$\frac{19}{12}$	$\frac{5}{4}$

### Proper Number Grid

$1\frac{3}{10}$	$1\frac{1}{6}$	$1\frac{1}{8}$
$1\frac{2}{3}$	$1\frac{3}{8}$	$1\frac{7}{10}$
$1\frac{4}{9}$	$1\frac{7}{12}$	$1\frac{1}{4}$

## Make It Proper 34

### Improper Number Grid

$\frac{9}{8}$	$\frac{15}{12}$	$\frac{17}{9}$
$\frac{15}{8}$	$\frac{7}{4}$	$\frac{16}{10}$
$\frac{18}{10}$	$\frac{11}{9}$	$\frac{10}{6}$

### Proper Number Grid

$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{8}{9}$
$1\frac{7}{8}$	$1\frac{3}{4}$	$1\frac{3}{5}$
$1\frac{4}{5}$	$1\frac{2}{9}$	$1\frac{2}{3}$

## Make It Proper 35

### Improper Number Grid

$\frac{18}{10}$	$\frac{23}{12}$	$\frac{9}{8}$
$\frac{13}{9}$	$\frac{11}{6}$	$\frac{13}{12}$
$\frac{19}{12}$	$\frac{7}{4}$	$\frac{17}{9}$

### Proper Number Grid

$1\frac{4}{5}$	$1\frac{11}{12}$	$1\frac{1}{8}$
$1\frac{4}{9}$	$1\frac{5}{6}$	$1\frac{1}{12}$
$1\frac{7}{19}$	$1\frac{3}{4}$	$1\frac{8}{9}$

## Make It Proper 36

### Improper Number Grid

$\frac{26}{12}$	$\frac{14}{5}$	$\frac{11}{8}$
$\frac{9}{4}$	$\frac{13}{10}$	$\frac{13}{6}$
$\frac{18}{5}$	$\frac{11}{3}$	$\frac{19}{9}$

### Proper Number Grid

$2\frac{1}{6}$	$2\frac{4}{5}$	$1\frac{3}{8}$
$2\frac{1}{4}$	$1\frac{3}{10}$	$2\frac{1}{6}$
$3\frac{3}{5}$	$3\frac{2}{3}$	$2\frac{1}{9}$

## Make It Proper 37

### Improper Number Grid

$\frac{18}{4}$	$\frac{24}{9}$	$\frac{20}{8}$
$\frac{17}{10}$	$\frac{26}{12}$	$\frac{19}{6}$
$\frac{10}{3}$	$\frac{20}{9}$	$\frac{22}{10}$

### Proper Number Grid

$4\frac{1}{2}$	$2\frac{2}{3}$	$2\frac{1}{2}$
$1\frac{7}{10}$	$2\frac{1}{6}$	$3\frac{1}{6}$
$3\frac{1}{3}$	$2\frac{2}{9}$	$2\frac{1}{5}$

## Make It Proper 38

### Improper Number Grid

$\frac{13}{8}$	$\frac{17}{12}$	$\frac{9}{5}$
$\frac{12}{5}$	$\frac{8}{3}$	$\frac{17}{8}$
$\frac{15}{6}$	$\frac{14}{4}$	$\frac{19}{10}$

### Proper Number Grid

$1\frac{5}{8}$	$1\frac{5}{12}$	$1\frac{4}{5}$
$2\frac{2}{5}$	$2\frac{2}{3}$	$2\frac{1}{8}$
$2\frac{1}{2}$	$3\frac{1}{2}$	$1\frac{9}{10}$

## Make It Proper 39

### Improper Number Grid

$\frac{17}{9}$	$\frac{15}{8}$	$\frac{11}{6}$
$\frac{5}{4}$	$\frac{13}{12}$	$\frac{15}{9}$
$\frac{11}{9}$	$\frac{14}{8}$	$\frac{16}{10}$

### Proper Number Grid

$1\frac{8}{9}$	$1\frac{7}{8}$	$1\frac{5}{6}$
$1\frac{1}{4}$	$1\frac{1}{12}$	$1\frac{2}{3}$
$1\frac{2}{9}$	$1\frac{3}{4}$	$1\frac{3}{5}$

## Make It Proper 40

### Improper Number Grid

$\frac{18}{8}$	$\frac{16}{10}$	$\frac{15}{9}$
$\frac{16}{12}$	$\frac{18}{12}$	$\frac{15}{4}$
$\frac{14}{6}$	$\frac{14}{10}$	$\frac{14}{8}$

### Proper Number Grid

$2\frac{1}{4}$	$1\frac{3}{5}$	$1\frac{2}{3}$
$1\frac{1}{3}$	$1\frac{1}{2}$	$3\frac{3}{4}$
$2\frac{1}{3}$	$1\frac{2}{5}$	$1\frac{3}{4}$

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

$$2\frac{7}{8}$$

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

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