**Mixed Numbers and Improper Fractions Codebreaker**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| $$3\frac{2}{5}$$ | $$2\frac{4}{5}$$ | $$\frac{19}{12}$$ | $$1\frac{5}{7}$$ | $$2\frac{1}{3}$$ | $$\frac{18}{7}$$ | $$\frac{13}{5}$$ | $$\frac{7}{4}$$ | $$5\frac{1}{2}$$ | $$4\frac{2}{3}$$ | $$\frac{16}{7}$$ | $$1\frac{7}{8}$$ | $$2\frac{7}{8}$$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| $$\frac{17}{6}$$ | $$2\frac{1}{4}$$ | $$\frac{10}{3}$$ | $$\frac{14}{11}$$ | $$\frac{23}{10}$$ | $$\frac{22}{5}$$ | $$1\frac{1}{2}$$ | $$2\frac{3}{5}$$ | $$4\frac{1}{4}$$ | $$\frac{13}{4}$$ | $$3\frac{2}{7}$$ | $$\frac{14}{9}$$ | $$\frac{11}{8}$$ |

Convert mixed to improper or vice versa (answers must be in their simplest form), link your answers to the table above to reveal why the police officer had a sheet of very thin paper:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| $$\frac{3}{2}$$ | $$1\frac{3}{4}$$ | $$\frac{7}{3}$$ | $$1\frac{5}{9}$$ | $$3\frac{1}{4}$$ | $$\frac{17}{5}$$ | $$2\frac{5}{6}$$ | $$\frac{6}{4}$$ |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| $$\frac{14}{6}$$ | $$\frac{12}{7}$$ | $$\frac{9}{6}$$ | $$\frac{9}{4}$$ | $$\frac{15}{10}$$ | $$2\frac{3}{10}$$ | $$\frac{34}{10}$$ | $$1\frac{7}{12}$$ |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| $$\frac{21}{9}$$ | $$4\frac{2}{5}$$ | $$\frac{18}{8}$$ | $$\frac{23}{8}$$ | $$\frac{28}{12}$$ | $$\frac{54}{24}$$ | $$2\frac{15}{18}$$ | $$\frac{35}{15}$$ |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |