# Math 6 – Unit 1: Number System Fluency

*Get a Clue (Dividing Fractions)*

Name: _____

Class Period: 1  2  3  4  Date: _____

1) $\frac{5}{6} \div \frac{1}{3} =$

2) $\frac{4}{5} \div 2 =$

3) $\frac{1}{4} \div \frac{1}{2} =$

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

5) $2 \div \frac{1}{3} =$

6) $8 \div 1\frac{2}{3} =$

7) $\frac{5}{8} \div \frac{3}{4} =$

8) $3 \div \frac{3}{4} =$

9) $3\frac{1}{5} \div \frac{2}{7} =$

10) $2 \div \frac{3}{5} =$

11) $\frac{3}{4} \div \frac{2}{5} =$

12) $5\frac{1}{2} \div 2 =$

13) $\frac{1}{8} \div \frac{1}{2} =$

14) $\frac{5}{6} \div 5 =$

15) $\frac{11}{12} \div 3\frac{1}{2} =$

16) $\frac{5}{8} \div 2 =$

17) $8\frac{3}{4} \div 2\frac{1}{6} =$

18) $\frac{1}{2} \div \frac{2}{3} =$

Who? _____  Where? _____  What? _____

**Find your answers below to eliminate people, places and things to determine who did the crime, where they did it and what they did it with.**

| Mrs. Katz $\dfrac{11}{42}$ | Mrs. Ledesma $\dfrac{2}{5}$ | Mrs. Bothers $\dfrac{1}{6}$ |
|---|---|---|
| Mrs. Leach $1\dfrac{3}{4}$ or $\dfrac{7}{4}$ | Mr. Shaw $\dfrac{3}{7}$ | Mrs. Stanhope **4** |
| Mir. Coffelt $11\dfrac{1}{5}$ or $\dfrac{56}{5}$ | Cafeteria $\dfrac{5}{6}$ | Classroom $4\dfrac{4}{5}$ or $\dfrac{24}{5}$ |
| Gym **6** | Front Office $3\dfrac{1}{3}$ or $\dfrac{10}{3}$ | Art Room $4\dfrac{1}{26}$ or $\dfrac{105}{26}$ |
| Bus Lanes $\dfrac{5}{16}$ | Computer Lab **10** | Failed a Kid $\dfrac{1}{4}$ |
| Ran Home $\dfrac{1}{2}$ | Quit $2\dfrac{1}{2}$ or $\dfrac{5}{2}$ | Dabbed $2\dfrac{3}{4}$ or $\dfrac{11}{4}$ |
| Made a Tic Tok $1\dfrac{1}{8}$ or $\dfrac{9}{8}$ | Ate Lunch $1\dfrac{7}{8}$ or $\dfrac{15}{8}$ | Shaved Head $\dfrac{3}{4}$ |