

LEVEL FIVE:

1. $\left(\frac{4}{5}\right)^2$

2. $\left(\frac{1}{8}\right)^2$

3. $7\frac{1}{5} \div 2\frac{2}{5}$

4. $\left(2\frac{2}{3}\right)^2$

5. $2\frac{4}{9} \cdot 8\frac{2}{11}$

6. $1\frac{2}{5} \div 5\frac{1}{4}$

Name _____

LEVEL FIVE:

$$1. \left(\frac{4}{5}\right)^2 = \frac{4}{5} \cdot \frac{4}{5} = \boxed{\frac{16}{25}}$$

$$2. \left(\frac{1}{8}\right)^2 = \frac{1}{8} \cdot \frac{1}{8} = \boxed{\frac{1}{64}}$$

$$3. \frac{7^+1}{x^5} \div \frac{2^+2}{x^5} = \frac{36}{5} \div \frac{12}{5}$$

$$\frac{3^3 \cancel{36}}{1 \cancel{8}} \cdot \frac{\cancel{8}^1}{\cancel{12}_1} = \frac{3}{1} = \boxed{3}$$

$$4. \left(\frac{2^+2}{x^3}\right)^2 = \frac{8}{3} \cdot \frac{8}{3} = \frac{64}{9} = \boxed{7\frac{1}{9}}$$

$$5. \frac{2^+4}{x^9} \cdot \frac{8^+2}{x^{11}} = \frac{2^2 \cancel{22}}{1 \cancel{9}} \cdot \frac{\cancel{90}^{10}}{\cancel{11}_1} = \frac{20}{1} = \boxed{20}$$

$$6. \frac{7^+2}{x^5} \div \frac{5^+1}{x^4} = \frac{7}{5} \div \frac{21}{4}$$

$$\frac{\cancel{7}_1}{5} \cdot \frac{4}{\cancel{21}_3} = \boxed{\frac{4}{15}}$$

Name _____