Errors and algorithms in multiplication or division name:______ For each problem, analyze what the student is doing, do the next 2 computations *the way the student* would do them, and then explain. **5** 1 ~

1.
$$\frac{47}{1200}$$
 $\frac{38}{1200}$ $\frac{74}{1200}$ $\frac{432}{1200}$ $\frac{54}{1200}$ $\frac{234}{1600}$
 $\frac{240}{150}$ $\frac{150}{160}$ $\frac{210}{2800}$ $\frac{2800}{8000}$ $\frac{2900}{160}$
 $\frac{12}{120}$ $\frac{100}{160}$ $\frac{12}{1702}$ $\frac{14}{11664}$

Explain the pattern, and why it works or doesn't work.

Explain the pattern, and why it works or doesn't work.

Explain the pattern, and why it works or doesn't work.

4.
$$9)\frac{56086}{4560}$$
 $8)\frac{730}{5840}$ $7)\frac{376}{7)2749}$ $6)4818$ $7)3525$
 $\frac{45}{60}$ $\frac{5600}{246}$ $\frac{21}{49}$
 $\frac{49}{6}$ $\frac{240}{41}$

Explain the pattern, and why it works or doesn't work.

5.
$$44 + 14 + 367 + 39 + 375 = 7)516$$

 $2)88 + 4)164 + 3)228 + 5)465 + 39 + 3)75 = 7)516$
 $\frac{8}{8} + \frac{16}{4} + \frac{21}{18} + \frac{45}{15} + \frac{15}{15} +$

Explain the pattern, and why it works or doesn't work.

Explain the pattern, and why it works or doesn't work.