$(\pm\infty) \div (\pm\infty)$
$(\pm\infty) \times (\pm\infty)$
$(\pm\infty) - (\pm\infty)$
$\infty + \infty$

1

$(\pm 0) \div (\pm 0)$
$\pm n \div 0$
$n \div (\pm\infty)$
$(\pm\infty) \times 0$

2

The loss of significant digits from multiplication is...

3

The loss of significant digits from division is...

4

The loss of significant digits from addition is...

5

$$(\pm 0) \div (\pm 0) \quad NaN$$
$$\pm n \div 0 \quad \pm \infty$$
$$n \div (\pm \infty) \quad 0$$
$$(\pm \infty) \times 0 \quad NaN$$

$$(\pm \infty) \div (\pm \infty) \quad NaN$$
$$(\pm \infty) \times (\pm \infty) \quad \pm \infty$$
$$(\pm \infty) - (\pm \infty) \quad NaN$$
$$\infty + \infty \quad 0$$

$\delta = Z(log_1 0 2) = 0$ where m is the minimum number of significant digits in the input.

$\delta = Z(log_1 0 m)$ where m is the minimum number of significant digits in the input.

$\delta = Z(log_1 0 \frac{\sum_{i=1}^{m} |x_i|}{|\sum_{i=1}^{m} x_i|})$ where m is the minimum number of significant digits in the input.