## The Complete Divide Sequence

Find S1/S2: S1/S2 = S1 \* (1/S2)

Use the reciprocal approximation instruction to calculate a half precision approximate reciprocal of one of the operands.

Use the reciprocal iteration instruction to obtain a correction factor which when multiplied by the half precision approximate reciprocal will result in a full precision approximate reciprocal accurate to 46 bits.

Use the multiply instruction and multiply the half precision approximate reciprocal by the correction factor to obtain a full precision approximate reciprocal.

Use the multiply instruction and multiply the first operand by the full precision approximate reciprocal of the second operand to complete the division sequence.