

Instruction	Meaning
<i>Arithmetic</i>	
FP add	floating point addition
FP subtract	floating point subtraction
FP multiply	floating point multiplication
FP divide	floating point division
FP add double	double-precision addition
FP subtract double	double-precision subtraction
FP multiply double	double-precision multiplication
FP divide double	double-precision division
<i>Data Transfer</i>	
load word coprocessor	load value into FP register
store word coprocessor	store FP register to memory
<i>Conditional Branch</i>	
branch FP true	branch if FP condition is true
branch FP false	branch if FP condition is false
FP compare single	compare two FP registers
FP compare double	compare two double precision values

**Figure 5.10** Floating point (FP) instructions defined by the MIPS architecture. Double precision values occupy two consecutive floating point registers.