



$$4 + 3 + 9 = 16 \text{ bits.}$$

r	w	x	r	-	x	r	-	x
1	1	1	1	0	1	1	0	1

r	w	-	r	-	-	-	-	-
1	1	0	1	0	0	0	0	0

r	w	x	r	-	x	r	-	-
1	1	1	1	0	1	1	0	0

r	w	-	r	-	-	r	-	-
1	1	0	1	0	0	1	0	0

r	w	-	r	w	-	r	-	-
1	1	0	1	1	0	1	0	0