```
# multiplicandl = 00111011: multiplier2 = 0100: stateProbe2=5: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0100: stateProbe2=3: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0100: stateProbe2=4: product= 44: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0100: stateProbe2=5: product= 44: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0100: stateProbe2=6: product= 44: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0100: stateProbe2=1: product= 44: final product= 44:
# multiplicand1 = 00111011: multiplier2 = 0100: stateProbe2=2: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0100: stateProbe2=4: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=5: product= 0: final product= 0:
# multiplicandl = 00111011: multiplier2 = 0101: stateProbe2=4: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=5: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=3: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=4: product= 44: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=5: product= 44: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=6: product= 44: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=1: product= 44: final product= 44:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=2: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=3: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=4: product= 11: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=5: product= 11: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=4: product= 11: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=5: product= 11: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=3: product= 11: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0101: stateProbe2=4: product= 55: final product= 0:
# multiplicandl = 00111011: multiplier2 = 0110: stateProbe2=5: product= 55: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=6: product= 55: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=1: product= 55: final product= 55:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=2: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=4: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=5: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=3: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=4: product= 22: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=5: product= 22: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=3: product= 22: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=4: product= 66: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=5: product= 66: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=6: product= 66: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=1: product= 66: final product= 66:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=2: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0110: stateProbe2=4: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0111: stateProbe2=5: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0111: stateProbe2=3: product= 0: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0111: stateProbe2=4: product= 22: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0111: stateProbe2=5: product= 22: final product= 0:
# multiplicand1 = 00111011: multiplier2 = 0111: stateProbe2=3: product= 22: final product= 0:
```