

**Convert between metric mass units****1** The mass of an ant

A	B
grams	milligrams

2 1 kg

A 100,000 g	B 1,000 g
C 10,000 g	D 1 g
E 100 g	F 1,000,000 g

3 1 mg

A 0.0000001 kg	B 0.00001 kg
C 0.000000001 kg	D 0.001 kg
E 0.000001 kg	F 0.0001 kg

4 4 dg

A 40 g	B 400 g
C 0.4 g	D 0.004 g
E 4 g	F 0.04 g

5 6 cg

A 0.000006 dag	B 0.006 dag
C 0.0006 dag	D 0.6 dag
E 0.06 dag	F 6 dag

6 12 dag

A 12,000 g	B 1.2 g
C 120 g	D 12 g
E 120,000 g	F 0.12 g

7 13 g

A 1,300,000 mg	B 130,000 mg
C 13,000 mg	D 130 mg
E 13 mg	F 13,000,000 mg

8 24 cg

A 240 g	B 2.4 g
C 0.24 g	D 24 g
E 0.024 g	F 0.0024 g

**Convert between metric mass units****9**

28 dg

A 0.0028 g	B 2,800 g
C 0.028 g	D 2.8 g
E 0.28 g	F 28 g

10

67,000 g

A 6,700 kg	B 0.067 kg
C 67 kg	D 6.7 kg
E 670 kg	F 67,000 kg

11

99 cg

A 0.099 dg	B 9.9 dg
C 0.99 dg	D 9,900 dg
E 990 dg	F 99 dg

12

30 mg

A 0.0000003 kg	B 0.0003 kg
C 0.00003 kg	D 0.03 kg
E 0.003 kg	F 0.000003 kg