

Worksheet: Metric Conversions

Name Jackson

1. 0.057 m to km

$$5.7 \times 10^{-5}$$

2. 13 cm
- ³
- to mL

$$\cancel{13 \text{ cm}^3} \quad 1.3 \times 10^1 \text{ mL}$$

3. 0.986 hours to seconds

$$\cancel{3549.6 \text{ seconds}} \quad 3.55 \times 10^3$$

4. 3.004 L to mL

$$\cancel{3004} \quad 3.004 \times 10^3 \text{ mL}$$

5. 86 kg to g

$$8.6 \times 10^4 \text{ g}$$

6. 24 cm
- ³
- to L

$$\cancel{24 \text{ cm}^3} \quad 2.4 \times 10^{-2} \text{ L}$$

7. 56,000 μg to kg

$$5.6 \times 10^{-5} \text{ kg}$$

8. 56 km to mm

$$5.6 \times 10^7 \text{ mm}$$

9. 20 km to feet

$$\cancel{7874} \quad 7 \times 10^4 \text{ ft}$$

Name : Jackson LeBlanc Score : _____

Teacher : _____ Date : _____

How Many Significant Digits for Each Number?

1) 0.00860 = 3

11) 2.6×10^9 = 2

2) 0.00100 = 3

12) 300 = 1

3) 8017 = 4

13) 0.0506 = 3

4) 2.300×10^{-5} = 4

14) 1×10^{-7} = 1

5) 2.559×10^4 = 4

15) 58.2 = 3

6) 3.0×10^{-3} = 2

16) 9090 = 3

7) 0.0676 = 3

17) 790 = 2

8) 4.39×10^{-4} = 3

18) 9950 = 3

9) 0.0004 = 1

19) 0.21520 = 5

10) 4806 = 4

20) 1×10^1 = 1

