

Significant figures – Classwork

Name:	
Grade:	

Instructions: Solve the following exercises correctly.

1. How many significant figures are in the following measurements:

- a) 45.020 °C
- b) 0.00025 km
- c) 2.560 g
- d) 1000 m
- e) 56.20 °C
- f) 0.125 m
- g) 500 g
- h) 36.00 m/s
- i) 120.2 m/s
- j) 0.003 kg

2. Perform these operations following the rules for significant figures:

Operation	Calculator answer	Final answer
a) $12.45 \times 0.15 =$		
b) $15.26 + 0.254 =$		
c) $0.265 \div 0.25 =$		
d) $7.21 + 40.25 =$		
e) $48.3 - 32.12 =$		
f) $197.3 - 19.90 + 12.48 =$		
g) $26.23 \div 2.56 =$		
h) $0.568 \times 13.29 =$		
i) $98.63 - 12.00 =$		