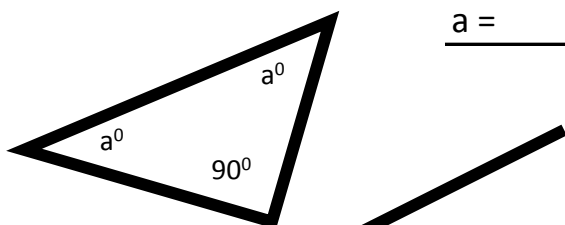
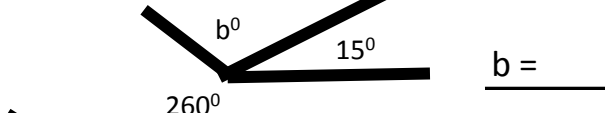


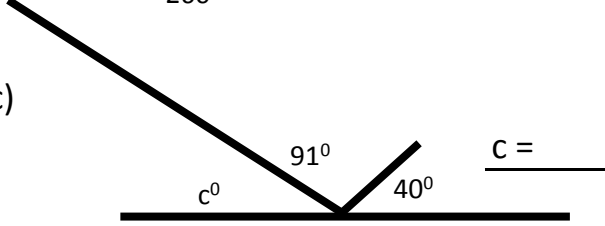
Name	HT3	Sheet 3	Class	Score
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**Section A**  
**Averages**  
a) 1, 1, 1, 1, 2, 8, 8, 8, 9, 10  
Mean \_\_\_\_\_  
Median \_\_\_\_\_  
Mode \_\_\_\_\_  
Range \_\_\_\_\_

b) 6, 9, 3, 8, 7, 5, 4, 1, 11, 12  
Mean \_\_\_\_\_  
Median \_\_\_\_\_  
Mode \_\_\_\_\_  
Range \_\_\_\_\_

**Section C**  
**Angle Facts**  
a)  a = \_\_\_\_\_

b)  b = \_\_\_\_\_

c)  c = \_\_\_\_\_

**Section B**  
**Algebra**  
Solve  
a)  $9 + x = 13$  \_\_\_\_\_  
b)  $12 - x = 1$  \_\_\_\_\_  
c)  $8x = 40$  \_\_\_\_\_  
d)  $x / 9 = 3$  \_\_\_\_\_

Simplify  
a)  $5b + 3b + 8b =$  \_\_\_\_\_  
b)  $4y + 3y - 6y =$  \_\_\_\_\_  
c)  $0.5a + 1.5a - b =$  \_\_\_\_\_  
d)  $8a - 3c - 5b - a =$  \_\_\_\_\_

Expand  
a)  $5(x + 3) =$  \_\_\_\_\_  
b)  $6(x - 1) =$  \_\_\_\_\_  
c)  $6x(2x + 4) =$  \_\_\_\_\_  
d)  $6(y - z) =$  \_\_\_\_\_

**Section D**  
**Fractions, Decimals and Percentages**  
convert Fraction    Decimal    %

a)	4/5		
b)		0.1	
c)			70%
d)	1/8		
e)		0.05	
f)			1%

g) What is 10% of 3.8?  
\_\_\_\_\_

h) What is 20% of 49?  
\_\_\_\_\_

i) What is 2/7 of 49?  
\_\_\_\_\_

j) What is 0.1 x 210?  
\_\_\_\_\_

k) What is 43% of 800?  
\_\_\_\_\_