

Name	Block C	Sheet 1	Class	Score
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**Section A**

**Averages**

a) 1, 1, 2, 5, 5, 5, 7, 8, 9, 9

Mean \_\_\_\_\_

Median \_\_\_\_\_

Mode \_\_\_\_\_

Range \_\_\_\_\_

b) 2, 3, 5, 7, 6, 4, 4, 4, 2, 9

Mean \_\_\_\_\_

Median \_\_\_\_\_

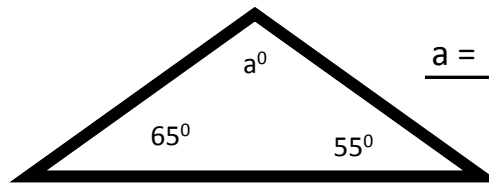
Mode \_\_\_\_\_

Range \_\_\_\_\_

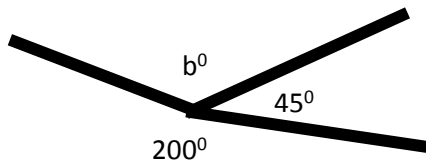
**Section C**

**Angle Facts**

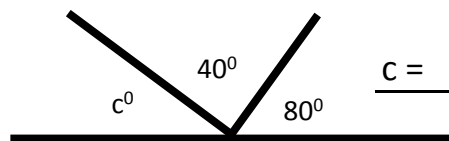
a)



b)



c)



**Section B**

**Algebra**

Solve

a)  $x + 3 = 5$  \_\_\_\_\_

b)  $10 - x = 7$  \_\_\_\_\_

c)  $3x = 30$  \_\_\_\_\_

d)  $x / 5 = 10$  \_\_\_\_\_

Simplify

a)  $3a + 2a + a =$  \_\_\_\_\_

b)  $4a - 3a - 2a =$  \_\_\_\_\_

c)  $2a + 3b + 3a =$  \_\_\_\_\_

d)  $4a - 3b - 6a + b =$  \_\_\_\_\_

Expand

a)  $2(x + 3) =$  \_\_\_\_\_

b)  $3(x - 4) =$  \_\_\_\_\_

c)  $2(4x + 3) =$  \_\_\_\_\_

d)  $4(2x + 2y) =$  \_\_\_\_\_

**Section D**

**Fractions, Decimals and Percentages**

convert	Fraction	Decimal	%
a)	1/2		
b)		0.4	
c)			30%
d)	1/5		
e)		0.95	
f)			110%

g) What is 10% of 36?  
\_\_\_\_\_

h) What is 20% of 50?  
\_\_\_\_\_

i) What is 2/3 of 33?  
\_\_\_\_\_

j) What is 0.5 x 150?  
\_\_\_\_\_

k) What is 36% of 500?  
\_\_\_\_\_