

**TOPICAL WORKSHEETS
ANSWER KEY**

Chapter 1 : Numbers Up to 10 000 000
Chapter 2 : Operations of Whole Numbers

Chapter 3 : Fractions I
Chapter 4 : Fractions II

Mathematics WS 1	Mathematics WS 2
<p>SECTION A</p> <p>1. 2</p> <p>2. 2</p> <p>3. 4</p> <p>4. 2</p> <p>5. 1</p> <p>6. 3</p> <p>7. 3</p> <p>8. 3</p> <p>SECTION B1</p> <p>9. 500 000</p> <p>10. 1000</p> <p>11. 688 080</p> <p>12. 76 900</p> <p>13. 6060</p> <p>14. 1125G</p> <p>15. 6</p> <p>16. 1087</p>	<p>SECTION B2</p> <p>1. 193</p> <p>2. A – 43, B – 75</p> <p>3. 20</p> <p>4. 19</p> <p>5. 7296</p> <p>SECTION B3</p> <p>6. 62 marbles</p> <p>7. \$1656</p> <p>8. \$8</p> <p>9. 177 more beads</p> <p>10. 10 years</p> <p>11. a. \$282 555 b. \$18 837</p>

Mathematics WS 1	Mathematics WS 2
<p>SECTION A</p> <p>1. 4</p> <p>2. 3</p> <p>3. 2</p> <p>4. 4</p> <p>5. 2</p> <p>6. 3</p> <p>7. 1</p> <p>8. 3</p> <p>9. 4</p> <p>10. 1</p> <p>SECTION B1</p> <p>11. $\frac{2}{11}, \frac{2}{9}, \frac{2}{7}, \frac{2}{5}, \frac{2}{3}$</p> <p>12. $\frac{1}{4}$</p> <p>13. 1 kg</p> <p>14. 120</p> <p>15. 5 litres</p> <p>16. 100</p> <p>17. 1000</p>	<p>SECTION B2</p> <p>1. $4\frac{1}{12}$</p> <p>2. 48 min</p> <p>3. 64 cm²</p> <p>4. $2\frac{1}{5}$ km</p> <p>5. 312</p> <p>SECTION B3</p> <p>6. \$65.60</p> <p>7. 189</p> <p>8. a. $\frac{1}{5}$ b. \$4000</p> <p>9. 135</p> <p>10. a. $\frac{3}{8}$ b. 228</p> <p>11. \$270</p> <p>12. 1600ml</p> <p>13. \$2400</p>

Chapter 5 : Area of a Triangle

Mathematics WS 1	Mathematics WS 2
<p>SECTION A</p> <p>1. 4</p> <p>2. 3</p> <p>3. 1</p> <p>4. 4</p> <p>5. 2</p> <p>6. 1</p> <p>SECTION B1</p> <p>7. 96cm^2</p> <p>8. $\frac{1}{4}$</p> <p>9. 24 cm^2</p> <p>10. 162cm^2</p> <p>11. 6cm</p> <p>12. 300cm^2</p>	<p>SECTION B3</p> <p>1. 16 cm</p> <p>2. 32 cm^2</p> <p>3. 39 cm^2</p> <p>4. 10 cm</p>

Chapter 6 : Ratio

Mathematics WS 1	Mathematics WS 2
<p>SECTION A</p> <p>1. 2</p> <p>2. 3</p> <p>3. 1</p> <p>4. 4</p> <p>5. 1</p> <p>6. 1</p> <p>SECTION B1</p> <p>7. 35</p> <p>8. 470</p> <p>9. \$1320</p>	<p>SECTION B2</p> <p>1. 3 : 2</p> <p>2. 12</p> <p>3. 810</p> <p>SECTION B3</p> <p>4. \$400</p> <p>5. \$11.50</p> <p>6. 5.5kg</p> <p>7. 128cm</p>

Chapter 7 : Decimals

Mathematics WS 1	Mathematics WS 2
<p>SECTION A</p> <p>1. 4</p> <p>2. 2</p> <p>3. 4</p> <p>4. 3</p> <p>5. 4</p> <p>6. 3</p> <p>SECTION B1</p> <p>7. 0.375</p> <p>8. 34.1 m</p> <p>9. 2</p> <p>10. 109</p>	<p>SECTION B2</p> <p>1. 1.4</p> <p>2. 734.4 cm^2</p> <p>SECTION B3</p> <p>3. 0.055λ</p> <p>4. \$12.60</p> <p>5. 37λ</p> <p>6. \$6.50</p> <p>7. 160</p>

Chapter 8: Measurements (no WS)

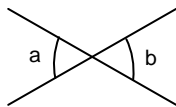
Chapter 9 : Average

Mathematics WS 1	Mathematics WS 2
<p>SECTION A</p> <p>1. 3</p> <p>2. 3</p> <p>3. 4</p> <p>4. 2</p> <p>5. 2</p> <p>6. 4</p>	<p>SECTION B2</p> <p>1. 71</p> <p>2. $3\frac{1}{6}$</p> <p>3. \$11 862</p> <p>4. 73kg</p> <p>5. 53.4kg</p> <p>6. 40</p> <p>SECTION B3</p> <p>7. \$37</p> <p>8. 30</p> <p>9. 10</p> <p>10. 28kg</p> <p>11. 70 cm</p>

Chapter 10 : Percentage

Mathematics WS 1	Mathematics WS 2
<p>SECTION A</p> <p>1. 3</p> <p>2. 2</p> <p>3. 2</p> <p>4. 4</p> <p>5. 4</p> <p>6. 1</p> <p>7. 3</p> <p>8. 3</p> <p>9. 3</p> <p>10. 2</p> <p>SECTION B1</p> <p>11. 62.5%</p> <p>12. 96</p> <p>13. 70</p> <p>14. 40%</p> <p>15. 92%</p>	<p>SECTION B2</p> <p>1. 1827 cm^2</p> <p>2. 129</p> <p>3. 70</p> <p>4. 15%</p> <p>5. \$13.60</p> <p>SECTION B3</p> <p>6. 20%</p> <p>7. 37.5%</p> <p>8. 13%</p> <p>9. 150 cars</p> <p>10. 25%</p> <p>11. 44%</p> <p>12. a.\$96 b.\$2496</p> <p>13. 408</p> <p>14. \$190.40</p>

Chapter 11 : Angles

Mathematics WS 1	
SECTION A	
1.	2
2.	1
3.	1
4.	3
5.	2
6.	3
SECTION B	
7.	$26^\circ \pm 1^\circ$
8.	construction
9.	construction
10.	
	
11.	No, they cannot. Angles at a point add up to 360° but these angles add up to 390° .

Chapter 12 : Triangles & Four-sided Figures

Mathematics WS 1	Mathematics WS 2
SECTION A	SECTION B2
1. 3	1. 10°
2. 2	2. 125°
3. 3	3. 78°
4. 2	4. 95°
5. 1	5. 48°
6. 4	
SECTION B1	
7. 60°	
8. 130°	
9. 50°	

Chapter 13: Geometrical Construction (no WS)

Chapter 14 : Volume

Mathematics WS 1	Mathematics WS 2
SECTION A	SECTION B2
1. 3	1. 192 cm^3
2. 4	2. 10 cm
3. 1	3. 1260 cm^3
4. 2	4. 60
5. 2	5. 4116 cm^3
6. 4	6. 1800 cm^3
	SECTION B3
	7. 7 cm
	8. 8 cm
	9. 96
	10. a. 2700 cm^3 b. 8 cm
	11. a. 25 cm b. 9 litres