

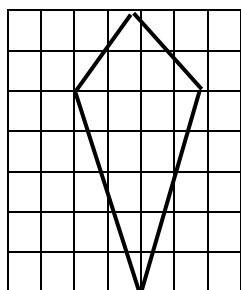
SUCCESS IN MATHEMATICS ANSWER SHEET 2020

TEST 1 SECTION 1

1. Four million, five hundred and twenty-two thousand, and ten 2. Letter f
 3. 24000 4. 144kg 5. 0.375 6. 56 7. 73 8. Shade 6 pieces 9. \$1, 5c
 10. \$425 11. 2hrs 36mins 12. 27cm^3 13. 11cm 14. Litres 15. b
 16. Cylinder/triangular prism, cube, cuboid 17. Isosceles 18. 13 19. 78
 20. 30

SECTION 11

21. 21 22. 1986 23. $\frac{2}{3}$ 24. 24 25. 21,34 26. \$20.50 27. 15
 28. $\frac{1}{2}$ 29. Tim=\$192 Carl=\$92 Sue=\$92 30. \$18 31. 60cm^2 32. 12:05
 on the clock 33. 3cm 34. 30cm 35. Pentagon, hexagon, heptagon 36.



37. 1. The isosceles triangle has 2 sides equal while the scalene has no sides equal. 11. There are 2 equal angles in the isosceles triangle while there are no equal angles in the scalene triangle. There is one line of symmetry in the isosceles while there are no lines of symmetry in the scalene triangle.

38. 66 39. Tally for 15,12,18 40. 3kg 808g

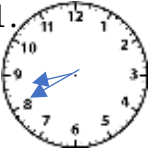
SECTION 111

41. Saved \$21

42. (a)  (b) 21 dots

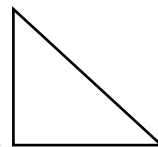
43. 27cm^2 44. (a) 4 equilateral triangles of the same size (b) 6,4,4 45(a) 72.5
 (b) 125

TEST 2. SECTION 1

1. 30 000 2. \$1.05 3. $\frac{5}{6}$ 4. 24 000 5. \$1250 6. 10 7. $372-56=316$
 8. 27 9. 14hrs 10. 320 11.  12. 25 13. 54cm^2
 14. 4.62 km

15. E

16. Height and base has to be equal

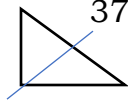


17. Rectangular-based pyramid 18. 15 and ~~1111~~ 111 19. 56 20. 50
 people

SECTION 11

21. 51 22. 70 23. 40% 24. 0.2, 20%, $\frac{5}{8}$ 25. \$2950
 26. 51 27. \$568.75 28. \$33.50 29. \$487.50 30. $\frac{1}{3}$, $\frac{5}{12}$, $\frac{5}{6}$

31. 48cm 32. $3\frac{3}{4}$ hrs 33. 9600cm^3 34. 56cm 35. A square-based pyramid has 5 faces, 8 edges and 5 vertices while a triangular-based pyramid has 4 faces, 6 edges and 4 vertices 36. Justin can move quarter turn clockwise to be on 6 with Shaon or Shaon can move a quarter turn anti-clockwise to meet Justin at 3.



37. Height and base must be the same.

38. 28 39. \$88 40. Bar drawn to 12

SECTION 111

41. \$2000 42. \$3 645 43. 50cubes 44.  6 sticks removed 45. 93

TEST 3 SECTION 1

1. 12 903 2. 144 3. 75 500 4. 0.71 5. 13 528 6. 11.34 7. 1362
 8. 20% 9. 32,64 10. 0.7 11. Arrow exactly between 2 and 3 12. 4cm
 13. 15 14. 10m 15. 23rd April 16. $\frac{1}{4}$ turn 17. C 18. 35 19. ~~111~~
~~111~~ 11, 7 20. 513

SECTION 11

21. \$186 22. 5085 23. $7\frac{3}{8}$ 24. 797 25. \$600 26. 0.3 27. 2010
 28. 9 29. \$6250 30. 22pencils 31. 40% 32. 500ml 33. Show 12:15 on clock
 34. 12kg 775g 35. Rhombus/All the sides are equal, opposite angles are equal, opposite sides are parallel. 36. Parallel lines are the same distance apart and never meet while perpendicular lines intersect at right angles.
 37. 1 line horizontally and 1 vertically 38. 40.5 39. The school should order more mystery and comic books because the most number of children borrowed those books. 40. 19

SECTION 111

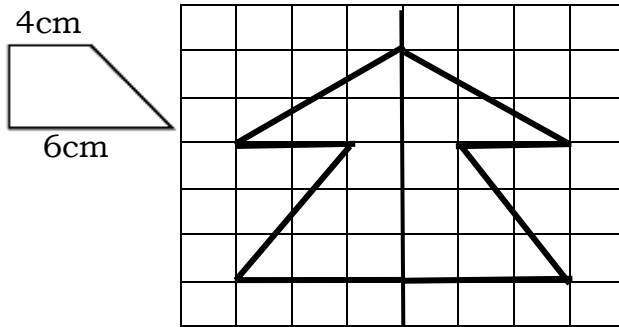
41. 1140 chairs 42. \$2100 43. 36fishes 44. kite, rectangle, trapezium, square 45. 63

TEST 4 SECTION 1

1. Nine hundred and five thousand, five hundred and twenty 2. 0.8 3. 892
 4. $796 + 384 = 1180$ 5. \$36.75 6. $17/20$ 7. 8765, 8675, 8265 8. \$11.50
 9. $15/4$ 10. 312 11. 2348ml 12. 4.7kg 13. 28cm^2 14. 64cm^3 15.
 1 line vertically and 1 line horizontally 16. C and D 17. One $\frac{1}{4}$ turn 18. 18
 19. 4 trees 20. 36

SECTION 11

21. 27,34 22. \$1068.75 23. $1\frac{1}{8}$ 24. 300 25. 2350 26. 40%
27. $\frac{4}{15}$, $\frac{3}{10}$, $\frac{2}{5}$ 28. 31 29. \$10 change, 60apples 30. \$19725
31. 99m^2 32. 729cm^3 33. Arrow pointing to 3300g 34. 1640
35. 36. 37. Rectangle 38. ~~1111~~ 111, 8



39. 75 40. 38

SECTION 111

41. 16mangoes, 12 pineapples 42. \$10800 43. Height=5cm Volume=
 760cm^3 44. Connect dots to form a parallelogram 45. (a)3 (b)4

TEST 5 SECTION 1

- 1.1 410 060 2.0.576, 5.67, 56.7, 57.6 3. 19 4. \$475 gain 5. 5005
6. $(2 \times 100) + (0 \times 10) + (9 \times 1) + (0 \times \frac{1}{10}) + (5 \times \frac{1}{100})$ 7. Shade 5 blocks 8.12
9.54 10. 20 600 11. kilograms 12. 12cm 13. 25cm^2 14. 1000cm^3
15. Square-based pyramid 16. Shade shape on opposite side 17. BC AND
EF/BC AND AD/EF AND AD 18. 8 19.192 20.240

SECTION 11

- 21.12 22. 26 23. $4\frac{7}{8}$ 24.10.6kg 25.25% 26. 3 weeks 27. 10
28.20% 29.(a)4dots by 4 dots. The 8th pattern will have 15 dots with the
corner sharing a dot. (b)15 30. \$40 31. 10:04a.m. 32. 25cm^2 33.
0.47kg 34. 2km 659m 35.(a)kite (b)square (c)trapezium 36. 10 quarter
turns 37. ad or eh
38.30% 39. 7 - ~~1111~~ 11 for orange and yellow 13 - ~~1111~~ ~~1111~~ 111 for green
40. 88

SECTION 111

41. (a)450 (b)720 42. (a)13 (b)\$585 43. 66cm^3 44. (a)isosceles
(b)equilateral (c)right angle (d)scalene 45.)78

TEST 6 SECTION 1

1.50 000 2. 9100 3. 95 4. 13 5. $(7 \times 10000) + (6 \times 1000) + (5 \times 100) + (6 \times 10) + (8 \times 1)$ 6. 60 7. 0.375 8. $9 \frac{3}{8}$ 9. 5% 10. Sam 11. 7th March, 2020 12. 37.5m, 112.5m 13. 12.6m 14. 225bags 15. 4 lines
16. Right angled triangle with a base of 6cm and height of 6cm. 17. C 18. 2
19. 57 20. 210

SECTION 11

21. $\frac{1}{2}$ 22. 231 23. \$1190 24. 120 25. 1 block 26. 6 27. 0.3
28. \$5300 29. 600 30. 84m 31. 22kg 730g 32. 1176m^2 33. 1345
34. Both shapes have the same perimeter of 34cm which is found by adding all the sides around the shape. 35. They both have 12 edges, 6 faces and 8 vertices. They are both prisms. 36. BA is perpendicular to AC and AM is perpendicular to MC. 37. 1600tiles 38. 37.5% 39. 92 40. 1

SECTION 111

41. 6women 42. 10books, \$405 43. (a)350 (b)2 sheets 44. rhombus
45. (a)10.25 (b)10

TEST 7 SECTION 1

1. $\frac{9}{100}$ 2. 10 000 3. Seventeen thousand and ninety- eight 4. 12 350
5. 736 6. \$198 7. 0.09 8. 37.5% 9. 180 10. \$24.15 11. 4400ml
12. 1.8cm 13. 3:15 14. 11.2kg 15. Triangular prism 16. BAC 17. Pentagon
18. 160 19. 5, ~~11~~ 11 20. 6

SECTION 11

21. 80 22. 8 23. \$11650 24. 30 25. 0.58 26. Katelyn/\$13.50
27. 20% 28. 10 apples for \$12 29. 36 and 45 30. The number line is divided into 12 equal parts of $\frac{3}{4}$ so 12 spaces along the number line with a distance of $\frac{3}{4}$ will result in 9 31. 32cm 32. 1.350 33. 3cm 34. 10mins
35. 4 faces, 6 edges, 4 vertices 36. Greater than/less than 37. (a)regular octagon-8 equal sides/8 equal angles/ 8 lines of symmetry 38. 65 39. 108
40. 33.3%

SECTION 111


41. 80 books 42. \$1512 43. 392 44. Equilateral, scalene, right angle, isosceles 45. 75

TEST 8 SECTION 1

1. 8920 2. 300 000 3. 1 602 040 4. 332 5. 64.26 6. 43 7. 16.5 8. 15
9. \$80.80 10. C 11. Figure 1 and Figure 4 12. 11cm 13. 36cm^2 14. CDE

15. 3 16. BC is perpendicular to CD 17. 3 rectangular faces of the same size and 2 triangular faces of the same size 18. 5 19. 11m 75cm 20. 5

SECTION 11

21. $2\frac{4}{7}$ 22. 344 males 23. \$42, \$99, \$891 24. 166.5 25. 10.92 26. 17 coaches/42.5m 27. \$104 28. \$54 29. \$4900 30. 21km 31. The volume of shape a is $6\text{cm} \times 2\text{cm} \times 2\text{cm} = 24\text{cm}^3$. The re-arrangement of the block does not affect the volume so the volume of shape B remains the same. $3\text{cm} \times 2\text{cm} \times 4\text{cm} = 24\text{cm}^3$ 32. 104cm^2 33. 20m 34. 8:15a.m. 35. 

36. 3 quarter turns 37. 1 line vertically down the middle and 1 line horizontally across the middle 38. 94 39. 41 40. 92%

SECTION 111

41. 54 42. \$27 43. 1088 tiles 44. Cylinder, square based pyramid, cone, cube 45. (a)72 (b)24

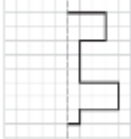
TEST 9 SECTION 1

1. 964.8 2. 524 000 3. 40 4. 22 5. 60,5 6. \$100 7. $\frac{13}{24}$ 8. 0.8
 9. $453 \times 3 = 1359$ 10. 20 11. A 12. $1\frac{1}{4}$ hr 13. 30cm^3 14. 26cm 15. 15
 16. 4 right angles 17. hexagon 18. 75 19. 5 20. 225

SECTION 11

21. 125 22. (a)10 groups of 2 boys and 10 groups of 3 girls 23. \$4357.50
 24. 15% 25. 3.95m 26.

$\sqrt{25} = 5$  5^2 or $5 \times 5 = 25$

27. 6 girls 28. \$750 29. $\frac{1}{4}$ 30. 6.0 31. \$ 120, \$145, \$195 32. 640cm^2 .
 33. 45 litres 34. Cylinder, 0 vertices, 2 edges 35. (a)prism (b)cube(c)sphere
 36.  37. Less than a right angle, more than a right angle 38. (a) 24

39. Draw 5 apples 40. (a)\$630 (b)\$1050


SECTION 111

41. (a)3.5 (b)2.94 (c)3 (d)2.1 42. \$1050 43. 1100 tiles 44. Kite
 45. (a)20% (b)6stars

TEST 10 SECTION 1

1. 35 2. 152 3. 23.0, 2.3, 0.23, 0.023 4. 1 403 070 5. 6 6. \$2190
7. 128 8. 80 9. 400kg 10. 5 11. 1.8cm 12. 32 cm² 13. 1525
14. 24cm 15. triangular prism 16. NW 17. Heptagon 18. 7 19. 33
20. 22, 5, 13

SECTION 11

21. \$360 22. $\frac{2}{3}$ 23. \$34.50 24. \$704 25. 10 weeks 26. \$700
27. 45.84kg 28. 336 29. 100 30. $2\frac{1}{8}$ m 31. 8 32. 14.4 litres
33. 60ml 34. 1.05kg 35.  Isosceles with a base of 4cm and height of 6cm
36. 3, 4, 2 edges
37. Parallelogram 38. Vanilla because it's the most sold flavour.
39. 12 children 40. 130


SECTION 111

41. (a) 60 (b) 10 days 42. 20 people 43. \$20 000 44. (a) $\frac{1}{4}$ turn clockwise or
 $\frac{3}{4}$ turn anti-clockwise (b) $\frac{1}{2}$ turn clockwise or anti-clockwise 45. 21

TEST 11 SECTION 1

1. 900 000 2. 208.1 3. 15 000 4. 29041.62 5. $\frac{3}{8}$ 6. \$91 7. 184
8. Shade 2 parts 9. 368 girls 10. 31 11. $3\frac{1}{4}$ hrs 12. 3 litres 13. 256cm²
14. 5cm 15. cube 16. angle b 17. 3 lines 18. 12 19. 50 20. 300

SECTION 11

21. 30 minutes 22. \$1631.25 23. 11 24. 0.8 25. \$48 26. \$18 profit
27. $\frac{1}{8}$, $\frac{5}{8}$, $\frac{3}{4}$ 28. (a) 15km (b) 12 days 29. 0.75 30. 37 and 49. Add even
numbers 2, 4, 6, 8, 10, 12 31. The volume of A is equal to the volume of B.
1m = 100cm so the volume of A = 100cm x 100cm x 100cm which is the same as the
volume of B. 32. 9950ml 33. 58 slices 34. 12:43 p.m. Long hand on 43
mins/short hand between 12 and 1. 35.  B=7cm H=7cm 36. Cuboid,
triangular prism
37. 2 38. 59 39. The vendor should not sell limes because it is the least
fruit sold. (40) 2

SECTION 111

41. 5, 16, 12, 32 42. \$2496 43. \$1736 44. (1) The trapezium has 1 pair of
parallel sides while the parallelogram has 2 pairs (2) The trapezium has 1 line
of symmetry while the parallelogram has no lines of symmetry. 45. 69

TEST 12 SECTION 1

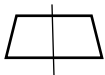
1.7 2.1 804 001 3. $8/10$ 4. $1/8$ 5. \$403 6. 13 7. 135 8. 0.5 9.29
 10.121, 100 11. 16cm 12. Clock to show 6:45 13. 25.85kg 14. 22
 15.10 16. N 17. 3 18. August 19. 66 20. 13

SECTION 11

21. $3/16$ 22. \$150 loss 23. 125boys 24. \$1750 25. \$594 26. \$64.60
 27. 400 28. 9 years 29. (a) 6 x 6 circles (b) 64 30.20 31.57kg 32.11
 33.10times 34. 36 litres (b) 15cm 35. 1 face, 2 edges and 1 vertex more in a
 square based pyramid than a triangular based pyramid. 36. AB/DC, IF/HG,
 FG/IH 37. 6 lines 38. \$88 39. 4 pictures 40. (a) 5 (b) 11.75

SECTION 111

41. (a) 86 (b) 264 42. \$576 43. 1750 tiles (b) 15cm

44. (a)  trapezium 45. (a) \$79.25 (b) \$ 63.40

TEST 13 SECTION 1


1. 6.5, 6.05, 0.65, 0.56 2. 64 hundreds 3. $(9 \times 1000) + (0 \times 100) + (3 \times 10) + (5 \times 1)$
 4. 203 706 5. 5% 6. 5 7. 39 8. 25c 9. 60% 10. 59 11. 6
 12. 66cm 13. 60cm 14. 20 litres 15. A 16. trapezium with opposite
 sides 3cm by 6cm 17. 3 18. 34 19. ~~1111~~ 1111 11, 8 20. 402.5

SECTION 11

21. 72 22. $4 \frac{5}{8}$ 23. \$33.25 24. 40 pieces 25. \$3488 26. 90 27.

TH	H	tens	Ones		tenth	Hundredth
1	2	9	0	.	8	9
			0	.	0	4
	1	5	5	.	6	0

28. 20% 29. 11years 30. 58kg 31. 18kg 32. To find the volume of the
 box, you multiply length by breadth by height. The volume of X is $6\text{cm} \times 3\text{cm} \times$
 $5\text{cm} = 90\text{cm}^3$. The volume of B = $5\text{cm} \times 4\text{cm} \times 6\text{cm} = 120\text{cm}^3$. Y has the greater
 volume. 33. 1777m^2 34. 30m 35. Arrow on 3, arrow on 12, arrow on 9.
 36. (a) parallel lines (b) perpendicular

37.  hexagon 38. $20 = 5$ blocks 39. 96 40. 28%, 6

SECTION 111

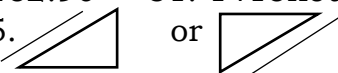

41. 560 roses 42. \$80, 3, \$ 22.50, \$152.50 43. 16 posters 44. Connect
 dots to make a trapezium with 1 right angle. 45. (a) 50% (b) 5

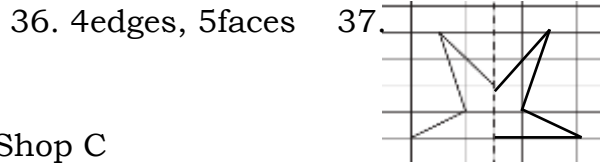
TEST 14 SECTION 1

1. 805 002 2. 48 3. $\frac{7}{20}$ 4. Shade 2 pieces 5. 1785 6. \$805 7. $\frac{1}{2}$
8. \$500 9. 6.95 10. 1984 11. 10mm 12. 3 $\frac{1}{2}$ hrs 13. 72cm² 14. 26cm
15. Cuboid 16. East 17. pyramids 18. 27 19. \$7.50 20. 8 balloons

SECTION 11

21. 40% 22. 729cm 23. \$8 000 24. \$50.00, 1 pen, \$87.50 25. \$285000
26. 20 houses 27. \$85 28. 20% 29. 21 boxes 30. \$144.80, \$18.10,
\$162.90 31. 1415 hours 32. 7.45km 33. 20cm 34. 2800 tiles

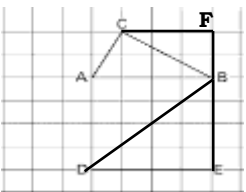
35.  or 



38. 163cm 39. 9 cans for Shop C

40. The owner should stock up on bags in August because the most number of bags were sold in August.

SECTION 111

41. 20, 10, 5/ 18, 11, 6 or any other combination to make 35. Phone 42. \$171
43. 432 litres 44. 

45. 302, 309

TEST 15

1. 3400.94 2. Shade 8 parts 3. > 4. 13.72 5. $\frac{9}{15}$ 6. \$3350 7. 368
8. $\frac{1}{8}$ 9. 1.3 10. 24 shirts 11. 65 pieces 12. Long hand on 9 and short
hand between 10 and 11 but closer to 11. 13. 15cm 14. 1 litre 15. C
16. 24 17. Less than 18. \$32.40 19. 165 20. 60

SECTION 11

21. $\frac{3}{20}$ 22. 18 23. \$1568.25 24. 455 students 25. \$1395 26. Add $\frac{5}{8}$ is
the pattern = $\frac{3}{8}$, 2 $\frac{7}{8}$, 3 $\frac{1}{2}$ 27. A=14 B=2 C=10 28. 75, 79, 78 29. 180 seats
30. Jack bought 12 more apples than Ryan 31. 36cm 32. 4.95km
33. 1.75m 34. 3000 tiles 35. Perpendicular line = B, parallel line = D,
intersecting line = C 36. Scalene triangle, zero 37. 1 square face and 4
triangular faces. 38. 100 marks 39. 6 students 40. Draw bar up to 4 students

SECTION 111

41. 138 women 42. \$5062.50 43. A has the greater area. It is 8cm^2 greater than B. The grid is $2\text{cm} \times 2\text{cm}$. The area of 1 block is 4cm^2 . A has 13 blocks $\times 4\text{cm}^2 = 52\text{cm}^2$. B has 11 blocks $\times 4\text{cm}^2 = 44\text{cm}^2$. A has the greater area. 44. Right-angled triangle, isosceles triangle, perpendicular, equal. 45. (a)40 (b)20%

TEST 16 SECTION 1

1. 20 000 2. Add 5 minus 1 = 18 3. $1\frac{1}{2}$ dozen 4. 900 5. 5145 6. Harry
7. $\frac{5}{6}$ 8. $2\frac{1}{4}\text{m}$ 9. 104 10. 9740 11. 2cm 12. 192cm^3
13. 2105 hours 14. 800ml 15. cylinder 16. 1 line horizontally across the middle 17. Triangular prism 18. 4 19. 43 sandwiches 20. 270

SECTION 11

21. $\frac{1}{6}\text{hr}$ 22. 40m 23. $\frac{1}{2}$, $\frac{11}{24}$, $\frac{5}{12}$, $\frac{1}{4}$ 24. $66\frac{2}{3}\%$ 25. \$620 26. 720 pigs
27. 5 pieces 28. 21 years 29. 30%, $\frac{1}{8}$, 0.2 30. $21\frac{1}{8}$ 31. 7cm^2
32. 300 33. 14m 30cm 34. Long hand exactly on the 7 and short hand between 7 and 8, 0735 hours 35. 4 equilateral triangles, 6 edges, 4 vertices
36. 5 37. 2 pairs of parallel sides, no lines of symmetry, opposite sides equal, opposite sides parallel, opposite angles equal, no right angles. 38. 135
39. 42 marks 40. 60, 90, 45

SECTION 111

41. \$5850 42. 6% 43. 100 tiles 44. The rectangular prism has 12 edges, 8 vertices and 6 faces. There is a uniform cross section. The square based pyramid has 8 edges, 5 vertices and 5 faces. There is no uniform cross section in the shape. 45. 60%

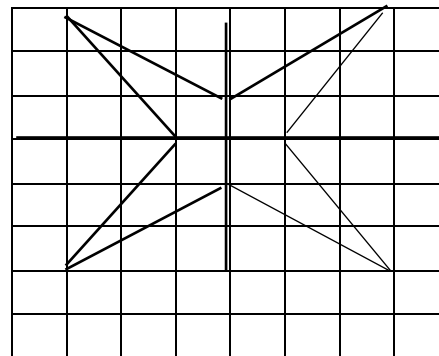
TEST 17 SECTION 1

1. 44 2. $7\frac{3}{8}$ 3. 81 4. 3 201 106 5. $(1 \times 10000) + (0 \times 1000) + (5 \times 100) + (6 \times 10) + (3 \times 1)$ 6. \$176 7. \$87.50 8. 80 mangoes 9. $\frac{7}{8}$ 10. 7.04, 7.40, 7.44
11. 3.670 litres 12. 6:39 13. 24cm^2 14. 625m^2 15. Cube 16. bc is parallel to de 17. Triangular based pyramid 18. 45 19. 12, 9 20. 4

SECTION 11

21. \$1430 22. \$1397.25 23. 84 cars 24. 106 more 25. 8.5m 26. 92-
You remove the hundred digit in each row. 27. (a) $1/6=2/12$, $1/3=2/6$, $4/6$
 $=8/12$ of any other equivalent combinations.

(b) $1/3$ and $2/3$, $1/6$ and $5/6$, $1/12$ and $11/12$ or
any other combination to form a whole. (c) $3/6$
and $6/12$ 28. 61.5% 29. 56, 126 30. 672
seats 31. 150 tiles 32. 11:05 shown on the
clock 33. 5.820kg 34. 2m 45cm 35. 1 line
of symmetry horizontally



36.  37. 0,0,4

38. \$262.50 39. 85 marks 40. (a) 33 (b) 168

SECTION 111

41. (a) 180 marbles (b) 80% 42. (a) $2/5$ (b) 72 43. Loss = \$35
44. Parallelogram, square, rhombus, pentagon 45. (a) 5.08km (b) 6km 275m

TEST 18 SECTION 1

1. 5543, 5232, 5123, 5012 2. 740 282 3. 38.8 4. Tens of thousand 5. 496
6. $2/3$ and $1/3$, $1/6$ and $5/6$, $2/6$ and $4/6$ or any other suitable combination.
7. 25% 8. 0.09 9. 420 hampers 10. 2483 11. 18cm 12. 4cm^2 13.
28 cubes 14. 0.5kg 15. 2 quarter turns 16. Triangular prism 17. Set B
18. 2kg 500g 19. 7.9m 20. 100 bricks

SECTION 11

21. $18\frac{5}{6}$ 22. 113 23. \$2000 24. 2 glue, \$24, \$129 25. \$400 26. $A=3/6$
 $B=4/6$ $C=5/6$ Sum = 2 27. 74 red 28. Vendor B 29. 288 boxes 30. \$883.50
31. 13kg 225g 32. 128 tiles 33. 300ml 34. 216cm^3
35. parallelogram, trapezium, square 36. All sides equal, all angles equal.
37. decagon 38. 16 39. 97 40. \$35

SECTION 111

41. 48 marbles 42. 10 customers 43. Area = 9.72m^2 The number of blocks to
complete the project = 54 44. cuboid, cylinder, triangular based pyramid,
triangular prism 45. (a) 20 packs (b) $33\frac{1}{3}\%$

TEST 19 SECTION 1

1.60 000 2. 20 077 3. 36 4. \$304 000 5. $8\frac{3}{8}$ 6. \$3 7. $\frac{1}{9}$ 8. 275%
9. 6.58km 10. \$37.50 11. millilitres 12. 32m 13. Darion 14. 4375g
15. Connect dots to form a trapezium-lines BCK, DJ and BD 16. 2 17.
Hexagonal prism 18. 10, 11, 11 19. 18 20. 128cm


SECTION 11

21. 21fishes 22. 475desks 23. $\frac{12}{20}$ 24. 75 25. 20%, $\frac{5}{8}$, 62.5%
26. 39workers 27. $\frac{11}{11/15}$, $\frac{11}{12/14}$, $\frac{13}{13/14}$ or any other combination
to give 37. Each value must be 11 or more. 28. 7 weeks 29. \$130
30. 62.13 31. 189cm^3 32. 6litres 825ml 33. 20days 34. 4 guests
35. quadrilateral, hexagon, octagon 36. cone, 1edge, 2faces 37. triangular
prism 38. — , L , \times 39. Brinda should spend more time in Language
because she scored the lowest mark of 50% in that subject. 40. 100apples

SECTION 111

41. 9 boys and 3 girls 42. \$24 43. 115.2 litres 44. (a) 3 quarter turns (b) 4
quarter turns 45. (a) Grammar 88, Spelling 88 (b) No, she will not be able to
score 90% overall. To score 90% she needs 102 marks which is not possible
since Vocabulary is out of a maximum mark of 100.

TEST 20 SECTION 1

1. Two hundred and eight thousand six hundred and thirty four dollars. 2. 56
3. $\frac{39}{4}$ 4. $8\frac{1}{4}$ 5. 20 6. 18 7. \$350 8. $\frac{6}{8}$ or $\frac{3}{4}$ 9. 108.45 10. 525
11. 4.5m 12. 2335 13. 220cm 14. 480cm^2 15. 
16. SE 17. 4 equilateral triangles 18. 25children
19. cat 20. Draw bar up to 20

SECTION 11

21. $\frac{5}{24}$, $\frac{1}{4}$, $\frac{3}{8}$ 22. \$1860 23. 25% 24. 33 25. 15m 26.
Justin=\$500, Clava =\$300, Ann=\$200 27. \$5700 28. 54eggs 29. 3.24
30. 57 31. 6 32. 2km 688m 33. 616cm^3 34. 125 tiles 35. Shape b 36.
The shape is a rhombus. Properties include two pairs of opposite parallel
sides/four equal sides/two lines of symmetry/opposite angles equal.
37. Scalene triangle, 1 line of symmetry 38. $2\frac{1}{4}$ kg 39. 64m 40. The mean
of the four athletes is 11 years 2months. The mean was not affected. It
remained the same.

SECTION 111

41. 22 apples 42. 170 boys 43. \$8950 44. Parallelogram
45. Katelyn =\$76 Lisa=\$16