

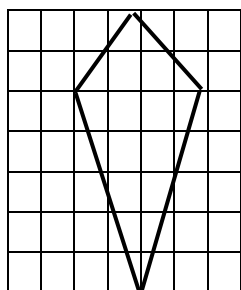
SUCCESS IN MATHEMATICS ANSWER SHEET 2021

TEST 1 SECTION 1

1. Four million, five hundred and twenty-two thousand and ten 2. 20%, $\frac{1}{4}$, 0.60 3. 24 and 32 4. 12kg 5. 15 6. 56 7. 2, 3, 5 8. 0.4 unshaded
9. \$1, 5c 10. \$850 11. 6:25 12. 27cm^3 13. 11cm 14. Litres 15. b
16. Cylinder 17. Equilateral 18. 13 19. 78 20. 30

SECTION 11

21. \$18 22. \$8000 23. $\frac{2}{3}$ 24. 24 / add the digit before $-1+2=3$, $3+2=5$ etc. 25. 21,34 26. \$20.50 27. $\frac{1}{2}$ 28. Tim=\$222 Carl=\$74 Sue=\$74
29. 60cm^2 30. 12:05 on the clock 31. 3cm 32. $16 \times 2 = 32$ tiles 33.



34. 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.
35. $20-16 = 4$ students 36. 3kg 808g

SECTION 111

37. Saved \$21 38. 27cm^2 39. (a) 4 equilateral triangles of the same size
(b) 6,4,4 40(a) 72.5 (b) 125

TEST 2. SECTION 1


1. 30 000 2. \$1.05 3. $\frac{5}{6}$ 4. 24 000 5. 6.0 6. $13.1 \times 5 = 65.5$
7. $372-56=316$ 8. $\frac{2}{5}$ 9. 100 10. 320 11. 6:25 12. 25
13. 6×6 square 14. 4.62 km 15. E 16. 4 lines
17. Rectangular-based pyramid 18. 15 and ~~111~~ 111 19. 56 20. 50 people

SECTION 11

21. $21\frac{1}{8}$ 22. 70 23. $49 + 64 = 113$ 24. Gary is correct because 9 is a composite number with 3 factors. 9 is not a Prime Number. 25. Buy 2 sets of 3 and 2 single books + 2 free books = 10 26. 51 27. \$1040 28. \$68.80 for pencil case \$4:30 for one pen. 29. 48cm 30. $3\frac{3}{4}$ hrs 31. 150cm^3 . There are 6 rows of 5 blocks at the base which is 30 blocks. Each row has to be stacked 5 blocks high. $30 \times 5 = 150\text{cm}^3$. 32. 792cm^2 33. 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 34. 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. 35. 28 36. Bar drawn to 12

SECTION 111

37. \$2000 38. Bag C-9000g Bag D-3000g 39.  6 sticks removed
40. 93

TEST 3 SECTION 1

1. 12 903.3 2. 81 3. 24, 36, 48 4. 5.61 5. 0.3 6. 11.34 7. 1362
8. $\frac{1}{2}$, $\frac{2}{4}$, $\frac{6}{12}$ 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. ~~1111~~ 1111 11, 7 20. 513

SECTION 11

21. \$186 22. 5085 23. $7\frac{3}{8}$ 24. 7 is a prime number because it is divisible only by 1 and itself. A composite number has more than 2 factors. 12 is a composite number because it has more than 2 factors—1, 3, 4, 6 and 12.
25. 2010 26. 9 27. 22pencils 28. 40% 29. 500ml 30. $5\frac{1}{4}$ km 31. Show 12:15 on clock 32. 18.0kg 33. Rhombus/All the sides are equal, opposite angles are equal, opposite sides are parallel. 34. Parallel lines are the same distance apart and never meet while perpendicular lines intersect at right angles. 35. 40.5 36. The school should order more mystery and comic books because the most number of children borrowed those books.


SECTION 111

37. 1140 chairs 38. 16 posters 39. kite, rectangle, trapezium, square
40. $198-135=63$

TEST 4 SECTION 1

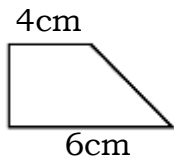
1. Nine hundred and five thousand, five hundred and twenty 2. 0.8 3. 892
4. $796 + 384 = 1180$ 5. \$36.75 6. $\frac{17}{20}$ 7. 8765,8675,8265 8. \$11.50
9. $15\frac{1}{4}$ 10. 312 11. 2348ml 12. 4.7kg 13. 28cm^2 14. 64cm^3 15. 1 line vertically and 1 line horizontally 16. C and D 17. One $\frac{1}{4}$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

SECTION 11

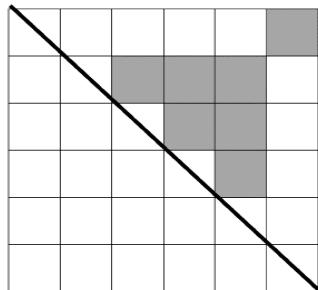
21. Red =105 C=60 Rem.=135 Blue = 27 Multi.=108 $108-60=48$ 22. $1\frac{1}{8}$
23. 300 24. $Y = 7 \times 3 = 21$ $x = 21 \times 2 = 42$ 25.  21 dots

26. $4/15$, $3/10$, $2/5$ 27. 31 28. \$10 change, 60apples 29. \$744
30. 198cm^3 31. Arrow pointing to 3300g 32. 4: 40

33.



34.



35. 75 36. 38

SECTION 111

37. 16 mangoes, 12 pineapples 38. 830 litres 39. Connect dots to form a parallelogram 40. (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. 6

6. $(2 \times 100) + (0 \times 10) + (9 \times 1) + (0 \times 1/10) + (5 \times 1/100)$ 7. Shade 5 blocks 8.12
9.54 10. 20 600 11. kilograms 12. 3 litres 13. 25cm^2 14. 2500ml
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

21.129 22. 26 ~~23.~~ $4 \frac{7}{8}$ 24. Prime numbers between 1 and 10 are 2, 3, 5 and 7. 2 is an even number therefore all prime numbers are not odd numbers.
25. 3 weeks 26. 20% 27.(a)4 dots by 4 dots. The 8th pattern will have 15 dots with the corner sharing a dot. (b)15 28. \$40 29. 10:04a.m. 30.44cm
31. 0.47kg 32. 2km 659m 33.(a)kite (b)square (c)trapezium 34. 10 quarter turns 35.30% 36. 88

SECTION 111

37. (a)450 (b)720 38. (a)13 (b)\$585 39. (a)isosceles (b)equilateral (c)right angle (d)scalene 40.78

TEST 6 SECTION 1

1.50 000 2. 36 3. 95 4. 13 5. $(7 \times 10000) + (6 \times 1000) + (5 \times 100) + (6 \times 10) + (8 \times 1)$ 6. 60 7. 37.5% 8. $9 \frac{3}{8}$ 9. 0.08 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. $\frac{5}{8}$ 24. 120 25. 1 block 26. 17 27. 2,2,3,3
28. \$690 29. 22kg 730g 30. 1176m^2 31. 1:45 32. $760\text{cm}-230\text{cm}=$
 530cm $530\text{cm} \div 2 = 265\text{cm} = 2.65\text{m}$ 33. They both have 12 edges, 6 faces
and 8 vertices. They are both prisms. 34. BA is perpendicular to AC and AM
is perpendicular to MC. 35. 92 36. 1

SECTION 111

37. 6women 38. (a)350 (b)2 sheets 39. rhombus 40. (a)10.25 (b)10

TEST 7 SECTION 1

1. $\frac{9}{100}$ 2. 10 000 3. 5 4. 12 350 5. 736 6. \$198 7. 0.35 8. 37.5%
9. $45 \times 3 = 135$ 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, 1111 11
20. 6

SECTION 11

21. 80 22. 8 23. 30 24. Katelyn/\$13.50 25. 20% 26. 10 apples for \$12
27. 36 and 45 28. 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 29. 32cm
30. 1.350 31. $60\text{cubes}-10\text{cubes}=50\text{cubes}$ 32. 10mins 33. 4 faces, 6
edges, 4 vertices 34. Greater than/less than 35. 65 36. Total = $23 \times 4 =$
 92 . $92-90 = 2$


SECTION 111

37. 80 books 38. 392 39. Equilateral, scalene, right angle, isosceles 40. 75

TEST 8 SECTION 1

1. 8920 2. 28 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. 288cm^3 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. 84 20. Tally for
8

SECTION 11

21. $2\frac{4}{7}$ 22. 344 males 23. \$42, \$99, \$693 24. 166.5 25. 17 coaches/42.5m 26. \$104 27. Pink 28. Katelyn=\$76 Lisa=\$16 29. 21km 30. 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 blocks does not affect the volume so the volume of shape B remains the same 24cm^3 . 31. 20m 32. 8:15a.m. 33.  34. 3 quarter turns 35. 94 36. 92%

SECTION 111

37. 54 38. \$27 39. Cylinder, square based pyramid, cone, cube 40. (a)72 (b)24

TEST 9 SECTION 1

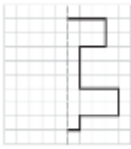
1. 964.8 2. 524 000 3. 40 4. 22 5. 60,5 6. 57 7. $\frac{13}{12}$ 8. 0.8
9. $453 \times 3 = 1359$ 10. 20 11. A 12. $1\frac{1}{4}$ hr 13. 30cm^3 14. 26cm 15. 15
16. 4 right angles 17. hexagon 18. 75 19. 5 20. 225

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. $\frac{1}{4}$ 29. \$120, \$145, \$195 30. 45000ml 31. \$32.00 32. 12m

33.  34. Less than a right angle, more than a right angle

35. Draw 5 apples 36. (a)\$630 (b)\$1050

SECTION 111

37. (a)3.5 (b)2.94 (c)3 (d)2.1 38. \$ 175 39. Kite 40. (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. 32cm^2 13. 3:25
14. 28cm^2 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. 45.84kg
27.336 28. (a) 60 (b) 10 days 29. $2\frac{1}{8}$ m 30. 8 31. 60ml 32.1.05kg
33. 3,4,2 edges 34. Parallelogram 35. Vanilla because it's the most sold
flavour. 36.12 children

SECTION 111

37. 20 people 38. \$20 000 39. (a) $\frac{1}{4}$ turn clockwise or $\frac{3}{4}$ turn anti-clockwise
(b) $\frac{1}{2}$ turn clockwise or anti-clockwise 40. 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. 368girls 10. 31 11. $3\frac{1}{4}$ hrs 12. 25cm^3 13. 256cm^2
14. 5cm 15. cube 16. angle b 17.3lines 18.12 19.50 20.300

SECTION 11

21.30minutes 22. 11 23. \$48 24. \$18 profit 25. $\frac{1}{8}$, $\frac{5}{8}$, $\frac{3}{4}$ 26.(a)15km
(b)12days 27. 0.75 28.37 and 49. Add even numbers 2,4,6,8,10,12 29. 1
model has 33 cubes so 3 more models needed. $33 \times 3 = 99$ cubes
30.9950ml 31.58slices 32. 12:43 p.m. Long hand on 43 mins/short hand
between 12 and 1. 33. $B=7\text{cm}H=7\text{cm}$



34. 2 35. 59 36. The vendor should not sell limes because it is the least
fruit sold.

SECTION 111

37. $\$117 - \$93 = \$24$ 38. \$1736 39.(1)The trapezium has 1 pair of parallel
sides while the parallelogram has 2 pairs (11) The trapezium has 2 right
angles while the parallelogram has no right angles. 40. 69

TEST 12 SECTION 1

1.7 2.1 804 001 3. $\frac{8}{10}$ 4. $\frac{1}{8}$ 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

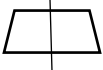
SECTION 11

21. $\frac{3}{16}$ 22. \$150 loss 23. 125boys 24. \$64.60 25. 400 26. 9 years
27.(a) 6×6 circles (b)64 28. \$576 29.57kg 30.11 31.10times

32.27 cubes are needed for the bottom layer. Each layer needs 6 more cubes than the previous layer. (3,9,15,21,27) 33.1 face, 2 edges and 1 vertex more in a square based pyramid than a triangular based pyramid. 34.AB/DC, IF/HG, FG/IH 35. 4 pictures 36. (a)5 (b)11.75

SECTION 111

37.(a)86 (b)264 38. 1750 tiles


39. (a)  trapezium 40. (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 13.15cm 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 5/8 23. \$33.25 24.40 pieces 25. 90 26.. 20%
 27.11years 28. 58kg 29.18kg 30. 54m x \$12.50 = \$\$675. Total cost = \$300 + \$ 675 = \$ 975 31. Figure 2 has a perimeter of 16cm which is a square number. 32. Arrow on 3, arrow on 12, arrow on 9. 33. (a)parallel lines (b)perpendicular

34.  hexagon. Six lines of symmetry. 35. 96 36. 28%, 6

SECTION 111

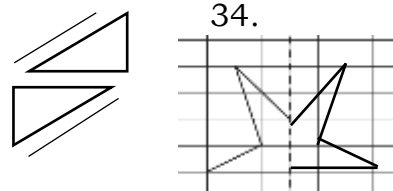
37. 560 roses 38. \$80, 3, \$ 22.50, \$152.50 39. Connect dots to make a trapezium with 2 right angles. 40. (a)50% (b)5

TEST 14 SECTION 1

1.805 002 2. 48 3. 7/20 4. Shade 2 pieces 5. 1785 6. \$805 7. 1/2
 8. \$500 9. 6.95 10. 1984 11. 10mm 12. 3 1/2 hrs 13. 72cm² 14. 14cm² 15. Cuboid 16. East 17. pyramids 18. 27 19. \$7.50 20. 8balloons

SECTION 11

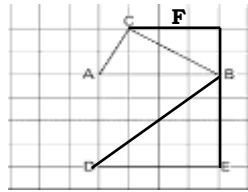
21. 40% 22. 729cm 23. \$8 000 24. \$50.00, 1 pen, \$87.50 25. 20 houses 26. \$85 27. 20% 28. 21boxes 29. 2: 15 30. 7.45km 31.28 and 36 cubes. 32.2800 tiles 33.
 35. 163cm



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

SECTION 111

37. 20, 10, 5/ 18, 11, 6 or any other combination to make 35. Phone 39.



38. The volume of 1 cube is 1cm^3 . You count the total number of cubes in model 1 which is 24 cubes. Then you count the number of cubes in model 11 which is 9. The difference is $24 - 9 = 15\text{cm}^3$ 40. 302, 309

TEST 15

1. 3400.94 2. Shade 8 parts 3. $>$ 4. 13.72 5. $9/15$ 6. \$3350 7. 368
 8. $1/8$ 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. 3000ml = 3 litres
 15. C 16. 24 17. Less than 18. \$32.40 19. 165 20. 60

SECTION 11

21. $3/20$ 22. 18 23. \$1568.25 24. 455 students 25. Add $5/8$ is the pattern = $3/8, 2\ 7/8, 3\ 1/2$ 26. A=14 B=2 C=10 27. 180 seats 28. Jack bought 12 more apples than Ryan 29. 18 tiles 30. 4.95km 31. 1.75m
 32. Shade rectangle 8 units in length and width of 4 units. 33. Perpendicular line = B, parallel line = D 34. Scalene triangle, zero 37. 1 square face and 4 triangular faces. 35. 100 marks 36. 6 students

SECTION 111

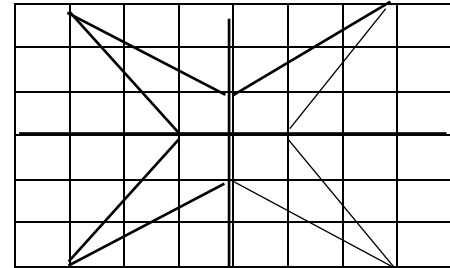
37. 138 women 38. A has the greater area. It is 8cm^2 greater than B. The grid is $2\text{cm} \times 2\text{cm}$. The area of 1 block is 4cm^2 . A has $13\text{ blocks} \times 4\text{cm}^2 = 52\text{cm}^2$. B has $11\text{ blocks} \times 4\text{cm}^2 = 44\text{cm}^2$. A has the greater area. 39. Right-angled triangle, isosceles triangle, perpendicular, equal. 40. (a) 40 (b) 20%

TEST 16 SECTION 1

1. 20 000 2. Add 5 minus 1 = 18 3. 1 ½ dozen 4. 900 5. 5145 6. Harry
7. 5/6 8. 2 ¼ m 9. 104 10. 9740 11. 2cm 12. 60cm³ 13. 165mins
14. 800ml 15. cylinder 16. 1 line horizontally across the middle 17.
Triangular prism 18. 4 19. 43 sandwiches
20. 270

SECTION 11

21. 1/6hr 22. 40m 23. 1/2, 11/24, 5/12, 1/4 24. 66
2/3% 25. \$620 26. 5 pieces 27. 21 years
28. 30%, 1/8, 0.2 29. 7cm² 30. Each cube
has a volume of 1cm³. To find the volume of each
model you count the number of cubes in each. A and C has a volume of 7cm³
while B has a volume of 10cm³. Therefore, B has the greatest volume. 31.
14m 30cm 32. Long hand exactly on the 7 and short hand between 7 and 8
33. 5 34. 2 pairs of parallel sides, no lines of symmetry, opposite sides equal,
opposite sides parallel, opposite angles equal, no right angles. 35. 42 marks
40. 60, 90, 45



SECTION 111

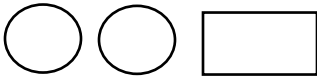
37. 6% 38. C = 6.6m D=2.2m 39. The rectangular prism has 12 edges, 8
vertices and 6 faces. There is a uniform cross section. The square based
pyramid has 8 edges, 5 vertices and 5 faces. There is no uniform cross section
in the shape. 40. 60%

TEST 17 SECTION 1

1. 44 2. 7 3/8 3. 81 4. 3 201 106 5. (1x10000)+(0x1000)+(5x100)+
(6x10)+(3x1) 6. \$176 7. 62.5% 8. 80 mangoes 9. 7/8 10. 7.04, 7.40, 7.44
11. 3.670 litres 12. 7:45a.m. 13. 24cm² 14. 625m² 15. Cube 16. bc is
parallel to de 17. Triangular based pyramid 18. 45 19. 12, 9 20. 4

SECTION 11

21. \$1430 22. (1) 0.25 (11) 0.75 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. 12 tiles 30. 11:05 shown on the clock 31. 5.820kg
32. 2m 45cm 33. 1 line of symmetry horizontally

34.  35. 39.85 marks

36. (a)33 (b)168

SECTION 111

37. (a) $\frac{2}{5}$ (b)72 38. Loss=\$35 39.Parallelogram, square, rhombus, trapezium 40. (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. $\frac{2}{3}$ and $\frac{1}{3}$, $\frac{1}{6}$ and $\frac{5}{6}$, $\frac{2}{6}$ and $\frac{4}{6}$ or any other suitable combination.
7. 25% 8. 0.09 9. 420hampers 10. 2483 11. 18cm 12. 4cm^2 13.
28cubes 14. 0.5kg 15. 2 quarter turns 16. Triangular prism 17. Set B
18. 2kg 500g 19. 7.9m 20. 100bricks

SECTION 11

21. $18\frac{5}{6}$ 22. 113 23. \$2000 24. 2 glue, \$24, \$129 25. A= $\frac{3}{6}$ B= $\frac{4}{6}$
C= $\frac{5}{6}$ Sum=2 26. 74 red 27. Vendor B 28. \$883.50 29. 13kg 225g
30. \$1080 31. 300ml 32. 2hrs 35minutes 33. parallelogram, trapezium
34. decagon 35. 97 36. \$35

SECTION 111

37. 10 customers 38. The number of blocks to complete the project = 54
39. cuboid, cylinder, triangular based pyramid, triangular prism 40.
(a) 20 packs (b) $33\frac{1}{3}\%$

TEST 19 SECTION 1

1. 60 000 2. 20 077 3. 36 4. \$304 000 5. $\frac{83}{8}$ 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. 20%, $\frac{5}{8}$, 62.5% 24. 39workers
25. $\frac{11}{11}$ / $\frac{11}{15}$, $\frac{11}{12}$ / $\frac{11}{14}$, $\frac{13}{13}$ / $\frac{11}{14}$ or any other combination to give 37. Each
value must be 11 or more. 26. 7 weeks 27. \$130 28. \$36.00 29. 6litres
825ml 30. $144 - 29 = 115$ cubes 31. 4 guests 32. 12:30 pm 33. Hexagon
and octagon 34. triangular prism 35. Brinda should spend more time in
Language because she scored the lowest mark of 50% in that subject. 36.
100apples

SECTION 111

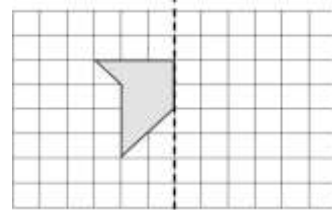
37. 9 boys and 3 girls 38.(a) $60-21 = 39$ (b)The total number of cubes is 60. If 1 layer is 15 then Jason has to stack 4 layers to make 60 cubes. 39.(a) 3 quarter turns (b)4 quarter turns 40.(a) Grammar 88, Spelling 88 (b) No, she will not be able to score 90% overall. To score 90% she needs 102 marks 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
3.39/4 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. 11:35 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. 25% 23. 33 24.15m 25. Justin=\$500, Clava=\$300, Ann=\$200 26. 54eggs 27. 3.84 28. \$2040 29. 6 bottles each
30.2km 688m 31. 4.33m 32. The area of 1 block is $2\text{cm} \times 2\text{cm}$ which is 4cm^2 . A has 12 blocks shade so the area is $12 \times 4 = 48\text{cm}^2$. B has 13 blocks shade so the area is $13 \times 4 = 52\text{cm}^2$. C has 11 blocks shaded so the area is $11 \times 4 = 44\text{cm}^2$. The shape with the greatest area is B. 33. The shape is a rhombus. Properties include two pairs of opposite parallel sides/four equal sides/two lines of symmetry/opposite angles equal. 34. Scalene triangle, 1 line of symmetry 35.64m 36. The mean of the four athletes is 11 years 2months. The mean was not affected. It remained the same.

SECTION 111

37.22 apples 38. \$8950 39. Trapezium 45. (a) $10-7 = 3$ (b) Ginger Snap because it is the least type of cookies sold.