TSD

"EDUCATE, ELEVATE, EMPOWER"

Math Olympiad

Grade VII - VIII

Q.1 **Round *"12345"* to the nearest 1000**

a) 10000 b) 1200 c) 12300 d) 12000

Q.2 **Round *"89.749"* to the nearest 1 decimal place**

a) 89.7 b) 89.0 c) 80.0 d) 81.0

Q.3 **Round *"7569"* to 2 significant figures**

a) 7600 b) 8000 c) 7500 d) 7570

Q.4 **The term to term rule to get the next term for the given infinite sequence is**
$6, 8, 10, 12, \ldots$

a) Add 2 b) Multiply by 2 c) Subtract 2 d) Divide by 2

Q.5 **The term to term rule to get the next term for the given infinite sequence is**
$3, 7, 11, 15, \ldots$

a) Add 4 b) Multiply by 4 c) Subtract 4 d) Divide by 4

Q.6 **The next term of the sequence 9, 15, 21, 27 … is_____.**

a) 30 b) 32 c) 33 d) 34

Q.7 **The seventh term of the sequence 9, 15, 21, 27 … is_____.**

a) 39 b) 40 c) 45 d) 56

Q.8 **Ali thinks of a number "n". He multiplies the number by 100. The algebraic expression for Ali's number is:**

a) n + 10 b) n + 100 c) 10 n d) 100 n

Q.9 **Ali thinks of a number "n". He multiplies the number by 7 and then add 4. The algebraic expression for Ali's number is:**

a) n b) n + 7 c) 7n d) 7n + 4

Q.10 **The first three terms of the sequence whose nth term is "2n + 5"**

a) 5, 6, 7 b) 7, 9, 11 c) 7, 8, 9 d) 7, 10, 13

Q.11 **The first three terms of the sequence whose nth term is "3n + 2"**

a) 3, 4, 5 b) 5, 8, 11 c) 6, 8, 10 d) 4, 7, 10

Q.12 **The second term of a sequence is 48. Term-to-term rule is 'subtract 2 then multiply by 3'. What is the first term of the sequence?**

a) 6 b) 10 c) 18 d) 20

Q.13 **The third term of a sequence is 30. Term-to-term rule is 'subtract 2 then multiply by 3'. What is the first term of the sequence?**

a) 4 b) 5 c) 6 d) 7

Q.14 **The third term of a sequence is 12. Term-to-term rule is 'add 3 then divide by 3'. What is the second term of the sequence?**

a) 13 b) 23 c) 30 d) 33

Q.15 **The formula for nth term of the sequence 10, 100, 1000, 10000,... is**

a) 10 n b) 10 + n c) 10^n d) none of these

Q.16 **The five cans of soda cost $ 1.50. The cost of 1 can of soda is_____.**

a) $ 0.3 b) $ 0.4 c) $ 0.5 d) $ 0.6

Q.17 **The five cans of soda cost $ 1.50. The cost of 3 cans of soda is_____.**

a) $ 0.9 b) $ 0.53 c) $ 0.99 d) $ 0.68

Q.18 **The correct algebraic expression for the following statement is:**
"Divide 5x by 9 then subtract from 4"

a) $\frac{4x}{9} - 4$ b) $\frac{5x}{9} - 4$ c) $4 - \frac{5x}{9}$ d) none of these

Q.19 **The algebraic expression for the following statement is:**
"Subtract 3 from y then divide by 2"

a) $\frac{3-y}{2}$ b) $\frac{5-y}{3}$ c) $\frac{y-3}{2}$ d) none of these

Q.20 **The algebraic expression for the following statement is:**
"Add 3 into x then divide by 3"

a) $\frac{3+y}{2}$ b) $\frac{3-y}{3}$ c) $\frac{x+3}{3}$ d) none of these

Q. 21 **The place value of 4 in "3.465" is _____.**

a) 4 b) 40 c) 0.4 d) 400

Q.22 **In which number does the digit 7 have the smallest value?**

a) 7580 b) 8750 c) 9357 d) 7772

Q.23 **The ascending order of 6.09, 6.93, 6.19, and 6.90 is:**

a) 6.09, 6.19, 6.90, 6.93 b) 6.09, 6.90, 6.19, 6.93

c) 6.90, 6.19, 6.09, 6.93 d) none of these

Q.24 **The descending order of 5.19, 5.53, 4.59, and 4.95 is:**

a) 4.53, 5.19, 5.95, 4.59 b) 5.53, 5.19, 4.95, 4.59

c) 5.53, 5.19, 4.59, 4.95 d) none of these

Q.25 **Estimated value to nearest whole number of the given fraction is _____.**

$$\frac{12.02 \times 24.99}{3.03}$$

a) 10 b) 1000 c) 1500 d) 100

Q.26 **Mia has a 0.3 L bottle of a medicine. She is told to take 5ml of the medicine three times a day. How many days will the medicine last?**

a) 40 b) 15 c) 20 d) none of these

Q.27 **What is the next number in the given sequence of 2005, 2010, 2015, 2020, _____?**

a) 2003 b) 2015 c) 2025 d) 2050

Q.28 **Simplify 15(400 + 350 – 50) and choose the correct answer.**

a) 1050 b) 1500 c) 10500 d) 10050

Q.29 **0.45 tonnes _____ 450 g**

a) = b) < c) > d) none of these

Q.30 **15 tonnes _____ 15000 kg**

a) = b) < c) > d) none of these

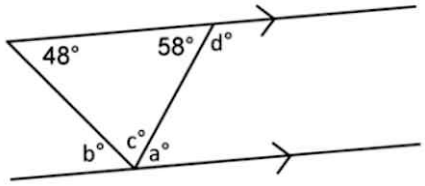
Q.31 **75 km _____ 750 m**

a) = b) < c) > d) none of these

Q.32 **675 m = _____ km**

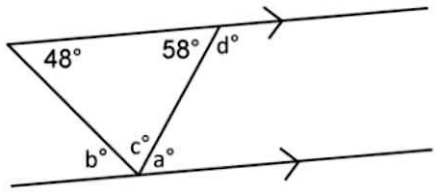
a) 675 b) 6.75 c) 0.675 d) none of these

Q.33 **The value of angle a in the given figure is**



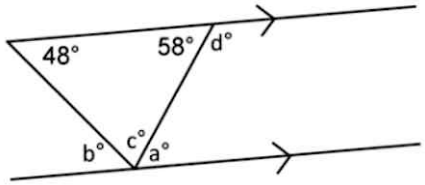
a) 80° b) 58° c) 48° d) 60°

Q.34 **The value of angle b in the given figure is**



a) 80° b) 58° c) 48° d) 60°

Q.35 **The value of angle c in the given figure is**



a) 80° b) 58° c) 48° d) 74°

Q.36 **At a football match in the camp stadium there were 6455 members. $\frac{3}{5}$ of the members were supporting Barcelona and the rest were supporting Real Madrid. The numbers of Barcelona supporters are**

a) 4873 b) 3873 c) 4895 d) 9445

Q.37 **At a football match in the camp stadium there were 6455 members. $\frac{3}{5}$ of the members were supporting Barcelona and the rest were supporting Real Madrid. The number of Real Madrid supporters are**

a) 1583 b) 2582 c) 2852 d) 8252

Q.38 **At a football match in the camp stadium there were 6455 members. $\frac{3}{5}$ of the members were supporting Barcelona and the rest were supporting Real Madrid. How many more members were supporting Barcelona than Real Madrid.**

a) 1291 b) 1582 c) 1802 d) 2212

Q.39 **A grocer sells 50 apples and 30 oranges. What percentage of apples he has sold if total fruits are 80?**

a) 62.5 % b) 68 % c) 55 % d) 70 %

Q.40 **1.5375 + 0.3226 = _____.**

a) 18.016 b) 1.8601 c) 806.11 d) 18601

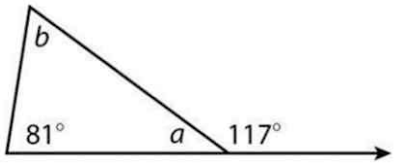
Q.41 **When 2685 is added to 2313, the digit in the hundreds place of the answer is _____?**

a) 8 b) 3 c) 9 d) 6

Q.42 **Rehan had 35 marbles, his brother had 15 more marbles than Rehan. What percentage of marbles does Rehan have?**

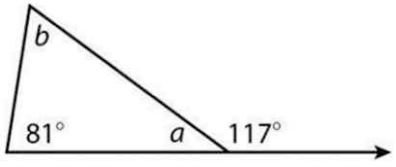
a) 37 % b) 25.5 % c) 41.1 % d) 18.5 %

Q.43 **The value of angle a in the given figure is**



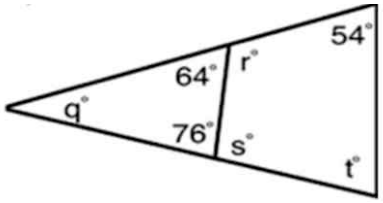
a) 33° b) 43° c) 53° d) 63°

Q.44 **The value of angle b in the given figure is**



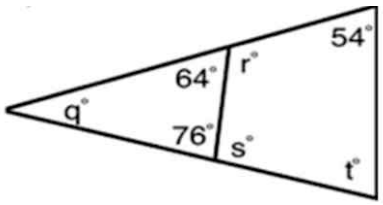
a) 36° b) 46° c) 56° d) 66°

Q.45 **The value of angle q in the given figure is**



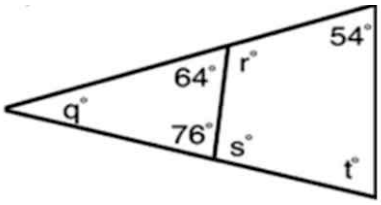
a) 40^{o} b) 50^{o} c) 70^{o} d) 60^{o}

Q.46 **The value of angle r in the given figure is**



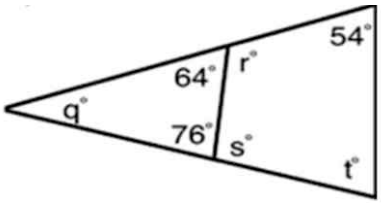
a) 140^{o} b) 116^{o} c) 107^{o} d) 160^{o}

Q.47 **The value of angle s in the given figure is**



a) 40^{o} b) 104^{o} c) 114^{o} d) 144^{o}

Q.48 **The value of angle t in the given figure is**



a) 76^{o} b) 86^{o} c) 96^{o} d) 106^{o}

Q.49 **500 people watched a movies on Monday and 470 people watched it on Tuesday. How many people watched the movies in two days?**

a) 570 b) 470 c) 770 d) 970

Q.50 **What is 12 % of 200?**

a) 24 b) 12 c) 36 d) 28

Q.51 **The cost price of a shirt is $ 125. What will be its price if it is increased by 5 % ?**

a) 131.25 b) 132.25 c) 133.26 d) 140

Q.52 **Which metric unit would you use to measure the length of pencil?**

a) km b) l c) m d) cm

Q.53 **Which metric unit would you use to measure the distance between Lahore and Islamabad?**

a) km b) mm c) m d) cm

Q.54 **The value of the expression "$z^3 - 2$ when z = 3"**

a) 20 b) 25 c) 15 d) none of these

Q.55 **The value of the expression**

$\frac{Ah}{3}$ when A = 6 and h = 4

a) 6 b) 8 c) 10 d) none of these

Q. 56 **A machines uses 3 different chemicals to make a container. It uses 7.2 kg of chemical A, 5.3 kg of Chemical B and 1.25 kg of chemical C. How much chemical is used to make a container?**

a) 10.75 kg b) 13.75 kg c) 15.50 kg d) 10.25 kg

Q.57 **Khan thinks of a number. He divides his number by 0.01 and then multiplies the answer by 0.1. He gets a final answer of 40. What number does Khan think of first?**

a) 400 b) 40 c) 4 d) none of these

Q.58 **Sam thinks of a number. He divides his number by 0.01 and then multiplies the answer by 0.1. He then divides this answer by 0.01 and gets a final answer of 2340. What number does Khan think of first?**

a) 23.4 b) 234 c) 2.34 d) 4.32

Q.59 **Mr. Raj has Rs.99200 in the bank. He withdraws Rs.54500. How much money is left in the bank?**

a) 49000 b) 44000 c) 43200 d) 44700

Q.60 **The 3rd term of the sequence is 20. The term to term rule is 'Add 6'. What is the 2nd term of the sequence.**

a) 10 b) 12 c) 14 d) 16

Q.61 **The numbers of sides of a quadrilateral are_____.**

a) even b) odd c) both a & b d) none of these

Q.62 **The 4th term of the sequence is 25. The term to term rule is ' Add 5'. What is the 2nd term of the sequence?**

a) 5 b) 10 c) 15 d) 20

Q.63 **The third term of a sequence is 9. The eighth term of the sequence is 19. Which of these formula is the correct one for the sequence?**

a) Term = n + 9 b) Term = 2 n + 3 c) Term = 3 n + 1 d) none of these

Q.64 **There are _____ days in the month of February in a leap year.**

a) 21 b) 28 c) 29 d) 30

Q.65 **Work out (23.8 – 3.4) ÷ (4 × 0.15)**

a) 12 b) 14 c) 24 d) 34

Q.66 **Subtract the smallest 4-digit number from the greatest 4-digit number?**

a) 9999 b) 100 c) 8999 d) 9000

Q.67 $72^o, 97^o, and\ 113^o$ **are three angles of a quadrilateral. Calculate its fourth angle.**

a) 68^o b) 78^o c) 88^o d) 98^o

Q.68 **1 mile = _____ km.**

a) 1.4 b) 1.6 c) 1.8 d) 2

Q.69 **15 mile = _____ km**

a) 14 b) 24 c) 34 d) 44

Q.70 **8 km = _____ miles**

a) 5 b) 6 c) 8 d) 10

Q.71 **Which is further, 472 km or 300 miles?**

a) 472 km b) 300 miles c) both a and b d) none of these

Q.72 **Number of lines of symmetry in an isosceles Trapezium is/are?**

a) Four b) Three c) Two d) One

Q.73 **How many lines of symmetry can we draw in an equilateral triangle?**

a) Four b) Three c) Two d) One

Q.74 **A triangular-based Pyramid is also known as _____ .**

a) Polygon b) Tetrahedron c) Quadrilateral d) none of these

Q.75 **Number of vertices in a Triangular Prism are _____ .**

a) 4 b) 5 c) 6 d) 7

Q.76 **Number of faces in a cube are _____ .**

a) 4 b) 6 c) 8 d) 10

Q.77 **Number of edges in a cuboid are _____.**

a) 8 b) 10 c) 12 d) 14

Q.78 **Number of lines of symmetry in a kite are _____ .**

a) 0 b) 1 c) 2 d) 3

Q.79 **Number of lines of symmetry in a regular pentagon are_____.**

a) 3 b) 4 c) 5 d) 6

Q.80 **Order of rotational symmetry of parallelogram is _____ .**

a) 0 b) 2 c) 1 d) 3

Q.81 **Order of rotational symmetry of equilateral triangle is _____ .**

a) 1 b) 2 c) 3 d) 4

Q.82 **I have no lines of symmetry and 2 order of rotational symmetry, my name is _____.**

a) Rectangle b) Parallelogram c) Trapezium d) none of these

Q.83 **I have four lines of symmetry and four order of rotational symmetry**

a) Rectangle b) Parallelogram c) Trapezium d) Square

Q.84 **A shape with 3 lines of symmetry and three sides is _____.**

a) Circle b) Parallelogram c) Trapezium d) Equilateral triangle

Q.85 **'I am 2D shape. I have four sides that are all the same lengths. My opposite angles are the same size but I have no right angle.'**

a) Rectangle b) Square c) Parallelogram d) Rhombus

Q.86 **I have three sides. All my sides are of same length and each of my interior angle is also same size.**

a) Scalene triangle b) Isosceles triangle
c) Equilateral triangle d) none of these

Q.87 $\frac{1}{3}\ of\ 9kg = ?$

a) 3 kg b) 1.5 kg c) 6 kg d) none of these

Q.88 $\frac{3}{7} of\ 2240 = ?$

a) 1172 b) 960 c) 360 d) 460

Q.89 **A choir has 129 members. $\frac{1}{3}$ of the members are male, how many males are there?**

a) 43 b) 33 c) 46 d) 88

Q.90 **A group of 312 students travels by bus. Each bus holds 52 students. How many buses do they need?**

a) 6 b) 7 c) 8 d) none of these

Q.91 $\frac{5}{7} of\ 140 = ?$

a) 10 b) 100 c) 15 d) 150

Q.92 **A boy has drawn a ball from a bag containing balls numbered from 1 to 100. It is found to be 19 more than the least two digit number. What is the number?**

a) 10 b) 19 c) 29 d) 99

Q.93 **Adil has 84 cents to spend on pencils. Each pencil costs 12 cents. How many pencils can he buy?**

a) 3 b) 4 c) 5 d) 7

Q.94 **Kaelan has 330 seeds to plant into trays. Each tray holds 33 seeds. He plants all the seeds. How many trays does Kaelan use?**

a) 9 b) 10 c) 11 d) 12

Q.95 $\frac{5}{11}$ --------- $\frac{3}{5}$

a) > b) = c) < d) none of these

Q.96 $\frac{5}{6}$ --------- $\frac{3}{7}$

a) > b) = c) < d) none of these

Q.97 $\frac{7}{6}$ --------- $\frac{5}{9}$

a) > b) = c) < d) none of these

Q.98 $\frac{7}{9}$ **of 288 m**

a) 204 b) 214 c) 224 d) 234

Q.99 $\frac{5}{7}$ **of $168**

a) 120 b) 130 c) 140 d) 150

Q.100 $\frac{7}{9}$ **is _____ fraction.**

a) Proper b) Improper

Q.101 **Which one of these cards gives a different answer from the other two?**

A $30 \times \frac{3}{5}$	B $40 \times \frac{3}{5}$	C $81 \times \frac{2}{9}$

a) B is different from A and C b) A is different from B and C

c) C is different from A and B d) none of these

Q.102 Which one of these cards gives a different answer from the other two?

A	B	C
$14 \div \frac{2}{7}$	$20 \div \frac{5}{12}$	$26 \div \frac{13}{24}$

a) B is different from A and C
b) A is different from B and C
c) C is different from A and B
d) none of these

Q.103 A student scored 80% in a math test that had 25 problems. How many problems in the test did the student answer correctly?

a) 10 b) 15 c) 20 d) 25

Q.104 What is 33% of 50?

a) 13.5 b) 15.5 c) 14.5 d) 16.5

Q.105 125 toffees were distributed equally among 25 boys. How many toffees did each boy get?

a) 2 b) 3 c) 4 d) 5

Q.106 A local charity is collecting gifts for children in need. They have 9 children and 108 presents to share equally. How many gifts will each child receive?

a) 9 b) 10 c) 11 d) 12

Q.107 A group of students collected 264 toy soldiers as presents for the soldiers oversees. One box can hold 8 toy soldiers. How many boxes do they need to ship all the gifts?

a) 30 b) 31 c) 32 d) 33

Q.108 Choose the correct option to complete given equivalent fractions.

$$\frac{3}{4} = \frac{21}{\square}$$

a) 15 b) 18 c) 21 d) 28

Q.109 Choose the correct option to complete given equivalent fractions.

$$\frac{5}{7} = \frac{25}{\square}$$

a) 30 b) 32 c) 25 d) 35

Q.110 Express $\frac{3}{4}$ in percentage.

a) 25 % b) 50 % c) 75 % d) none of these

Q.111 Express $\frac{1}{3}$ as decimal

a) 0.33333 b) 0.131313 c) 0.232323 d) none of these

Q.112 $\frac{2}{7}$ **is bigger than** $\frac{4}{9}$ **because sevenths are bigger than ninths.**

a) True b) False

Q.113 At an athletics competition, 20 % of the spectators were children. What fraction of the spectators were children?

a) $\frac{1}{5}$ b) $\frac{1}{3}$ c) $\frac{2}{3}$ d) $\frac{2}{7}$

Q.114 At an athletics competition, 20 % of the spectators were children. What fraction of the spectators were not children?

a) $\frac{1}{3}$ b) $\frac{2}{5}$ c) $\frac{4}{5}$ d) $\frac{3}{4}$

Q.115 In fraction $\frac{4}{9}$, **4 parts will be coloured out of 9.**

a) True b) False

Q.116 I am thinking of a fraction. My fraction is bigger than $\frac{5}{8}$ **but smaller than** $\frac{3}{4}$**. When I divide the numerator by the denominator I get an answer of 0.6875.**

a) $\frac{1}{16}$ b) $\frac{3}{16}$ c) $\frac{11}{16}$ d) $\frac{15}{16}$

Q.117 $\frac{2}{3}$ **of 21 kg = _____.**

a) 7 kg b) 14 kg c) 21 kg d) 28 kg

Q.118 10 mm = ... cm

a) 10 b) 100 c) 0.01 d) 1

Q.119 The product of (0.3×0.6) × 100 is ____.

a) 1.8 b) 18 c) 180 d) 0.18

Q.120 Which one of the following shows the product 171?

a) 13 × 8 b) 17 × 9 c) 11 × 7 d) 19 × 9

Q.121 Which one of the following does not show the product?

a) 12 ÷ 4 b) 5 × 4 c) 3 × 4 d) 2 × 4

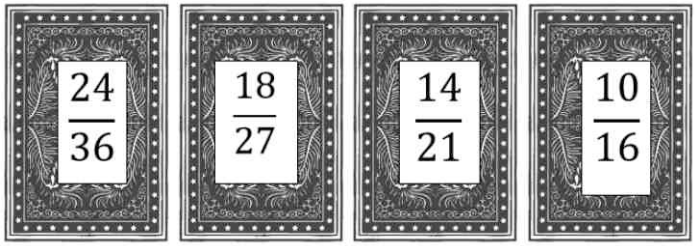
Q.122 The first three multiples of 13 is _____?

a) 15, 20, 25 b) 13, 26, 39 c) 19, 29, 39 d) 13, 17, 27

Q.123 In a cricket match, Ahmad scored $\frac{3}{10}$ **of the runs for his team. What percentage of the runs did Ahmad get?**

a) 20 % b) 25 % c) 30 % d) none of these

Q.124 Jamil has these fraction cards. Which fraction card is different?



a) $\frac{24}{36}$ b) $\frac{18}{27}$ c) $\frac{10}{16}$ d) $\frac{14}{21}$

Q.125 The fraction $\frac{124}{232}$ in simplest form is:

a) $\frac{31}{58}$ b) $\frac{32}{57}$ c) $\frac{27}{53}$ d) $\frac{17}{59}$

Q.126 Express 36.36 % as decimal.

a) 0.3636 b) 36.36 c) 3.636 d) none of these

Q.127 In the cricket match, $\frac{1}{5}$ of the spectators was supporting Red team. What fraction of the spectators was not supporting Red team?

a) $\frac{1}{4}$ b) $\frac{2}{5}$ c) $\frac{4}{5}$ d) $\frac{3}{5}$

Q.128 Four students Risba, Arsia, Yashfa and Aimen wrote a five digit decimal number in their notebooks as shown below:

Risba [4.9857] Arsia [56.489] Yashfa [894.531] Aimen [0.0723]
Who wrote the least number?

a) Aimen b) Arsia c) Yashfa d) Risba

Q.129 Maha measures three of the angles of a quadrilateral like 120^0,130^0, 95^0. Then the fourth angle will be

a) 15^0 b) 30^0 c) 63^0 d) 53^0

Q.130 Can we draw a Quadrilateral with two reflex angles?

a) No b) Yes

Q.131 If two lines intersect each other at the angle of 90^o then these lines are called _____.

a) Parallel lines b) Perpendicular lines

c) Transversal lines d) none of these

Q.132 A line that crosses a pair of parallel lines is called a _____?

a) Bisector b) Perpendicular

c) Transversal d) none of these

Q.133 Angles between two parallel lines, intersected by transversal line are supplementary angles therefore they add up to _____.

a) 180^0 b) 230^0 c) 360^0 d) 250^0

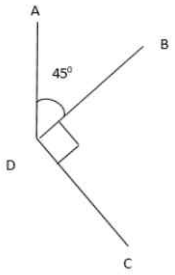
Q.134 Vertically opposite angles are equal to each other.

a) True b) False

Q.135 Alternate angles are not equal to each other.

a) True b) False

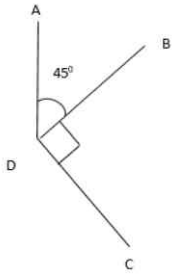
Q.136 The size of the angle ADC is _____.



a) 135^0 b) 45^0

c) 200^0 d) 140^0

Q.137 The size of the reflex angle ADC is _____.



a) 235^0 b) 245^0

c) 225^0 d) 240^0

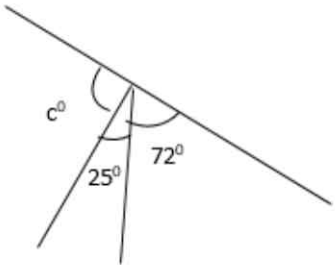
Q.138 Reflex angles are more than 180 and less than 360 degrees.

a) True b) False

Q.139 Obtuse angles are more than 90 and less than 180 degrees.

a) True b) False

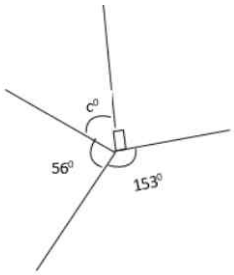
Q.140 The size of the angle "c" is _____.



a) 83^0 b) 43^0

c) 23^0 d) 70^0

Q.141 The size of the angle "c" is _____.



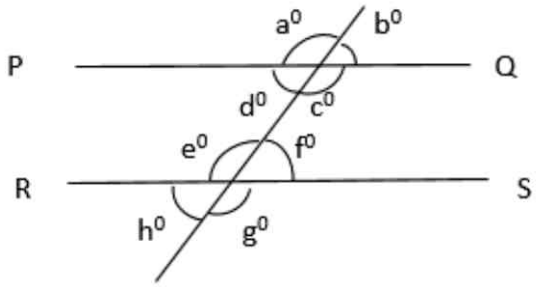
a) 41^0 b) 61^0

c) 51^0 d) 77^0

Q.142 Calculate the third angle of a triangle if other two angles are 53 degree and 44 degrees.

a) 83^0 b) 30^0 c) 86^0 d) 50^0

Q.143 Many angles are created when two parallel lines are crossed by a third line. The lines PQ and RS are parallel and intersected by a transversal line. Check the following facts. Is it true or false?



Angle a and c are vertically opposite angles, therefore they are equal to each other.

a) True b) False

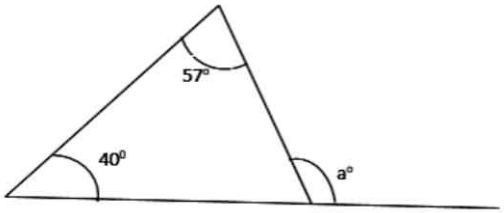
Q.144 $\angle a + \angle b = 180^o$

a) True b) False

Q.145 Angle d and h are corresponding angles, therefore they are equal to each other.

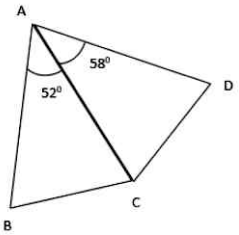
a) True b) False

Q.146 Calculate the size of the angle marked with letter a in the given diagram.



a) 97^0 b) 107^0 c) 180^0 d) 150^0

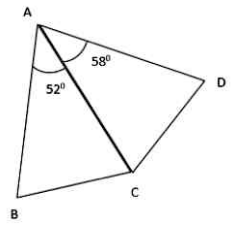
Q.147 AB, AC and AD are of the same length. Calculate the size of the angle ABC



a) 64^0 b) 67^0

c) 80^0 d) 50^0

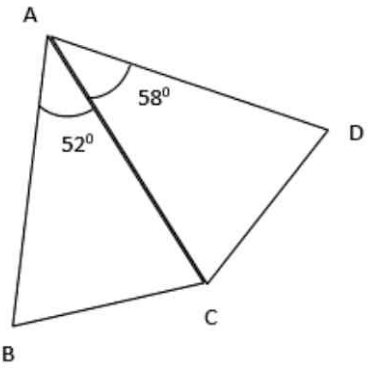
Q.148 AB, AC and AD are of the same length. Calculate the size of the angle ADC



a) 61^0 b) 47^0

c) 80^0 d) 57^0

Q.149 AB, AC and AD of the same length. Calculate the size of the angle BCD.



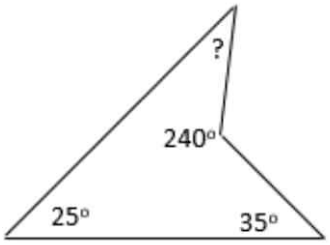
a) 125^0 b) 127^0

c) 180^0 d) 150^0

Q.150 Angle ABC and ACB are equal to each other because triangle ABC is an isosceles triangle.

a) True b) False

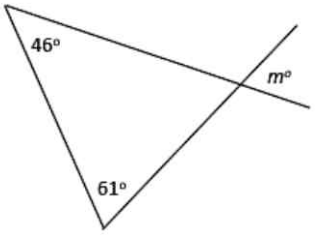
Q.151 Find the missing angle of Quadrilateral



a) 46^0 b) 27^0

c) 60^0 d) 50^0

Q.152 Calculate the value of m.



a) 63^0 b) 37^0

c) 73^0 d) 57^0

Q.153 The sum of angles on a straight line is _____.

a) 180^0 b) 230^0 c) 360^0 d) 250^0

Q.154 The sum of all angles of a quadrilateral is _____.

a) 180^0 b) 230^0 c) 360^0 d) 250^0

Q.155 Angles are said to be complementary if their sum is 90 degrees.

a) True b) False

Q.156 The line that intersects a pair of parallel lines is known as transversal

a) True b) False

Q.157 One whole turn is _____.

a) 180^0 b) 230^0 c) 360^0 d) 250^0

Q.158 An acute angle is less than_____.

a) 80^0 b) 30^0 c) 90^0 d) 50^0

Q.159 An obtuse angle is between _____.

a) 0 and 90^0 b) 90^o and 180^0

c) 180^o and 270^0 d) none of these

Q.160 One angle of a quadrilateral is 150^o. The other three angles are all the same size as each other. How big are they?

a) 50^0 b) 60^0 c) 70^0 d) 80^0

Q.161 If two angles of a triangle are 45^o and 75^o. The third angle is _____.

a) 50^0 b) 60^0 c) 70^0 d) 80^0

Q.162 Measure of one angle of a regular quadrilateral is _____.

a) Right angle b) Acute angle c) Obtuse angle d) none of these

Q.163 The reflex angle of 60 degrees is _____.

a) 150^0 b) 300^0 c) 270^0 d) 280^0

Q.164 Each reflex angle of a square is _____.

a) 250^0 b) 270^0 c) 170^0 d) 180^0

Q.165 The capacity of a petrol tank of a car is measure in _____.

a) litres b) mili litres

c) kilo grams d) none of these

Q.166 45mm = ...cm

a) 4.5 b) 45 c) 0.45 d) none of these

Q.167 4.3 tonnes × ---------- = 4300 kg

a) 10 b) 100 c) 0.01 d) 1000

Q.168 0.38m = 380mm. Which of the following you multiply with 0.38 m to get the answer?

a) 10 b) 100 c) 0.01 d) 1000

Q.169 When you are converting a smaller unit into a bigger unit, you ..... by the conversion factor.

a) Divide b) Multiply c) Add d) Subtract

Q.170 Look at the following. ☐ ml ÷ 1000 = 0.67 litres

Which number will you put in ☐ to make the statement correct?

a) 67 b) 670 c) 6700 d) 67000

Answer Sheet

GRADE VII - VIII (MATHS)

	A	B	C	D
1	Ⓐ	Ⓑ	Ⓒ	●
2	●	Ⓑ	Ⓒ	Ⓓ
3	●	Ⓑ	Ⓒ	Ⓓ
4	●	Ⓑ	Ⓒ	Ⓓ
5	●	Ⓑ	Ⓒ	Ⓓ
6	Ⓐ	Ⓑ	●	Ⓓ
7	Ⓐ	Ⓑ	●	Ⓓ
8	Ⓐ	Ⓑ	Ⓒ	●
9	Ⓐ	Ⓑ	Ⓒ	●
10	Ⓐ	●	Ⓒ	Ⓓ
11	Ⓐ	●	Ⓒ	Ⓓ
12	Ⓐ	Ⓑ	●	Ⓓ
13	Ⓐ	Ⓑ	●	Ⓓ
14	Ⓐ	Ⓑ	Ⓒ	●
15	Ⓐ	Ⓑ	●	Ⓓ
16	●	Ⓑ	Ⓒ	Ⓓ
17	●	Ⓑ	Ⓒ	Ⓓ
18	Ⓐ	Ⓑ	●	Ⓓ
19	Ⓐ	Ⓑ	●	Ⓓ
20	Ⓐ	Ⓑ	●	Ⓓ
21	Ⓐ	Ⓑ	●	Ⓓ
22	Ⓐ	Ⓑ	●	Ⓓ
23	●	Ⓑ	Ⓒ	Ⓓ
24	Ⓐ	●	Ⓒ	Ⓓ
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26	Ⓐ	Ⓑ	●	Ⓓ
27	Ⓐ	Ⓑ	●	Ⓓ
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34	Ⓐ	Ⓑ	●	Ⓓ
35	Ⓐ	Ⓑ	Ⓒ	●
36	Ⓐ	●	Ⓒ	Ⓓ
37	Ⓐ	●	Ⓒ	Ⓓ
38	●	Ⓑ	Ⓒ	Ⓓ
39	●	Ⓑ	Ⓒ	Ⓓ
40	Ⓐ	●	Ⓒ	Ⓓ
41	Ⓐ	Ⓑ	●	Ⓓ
42	Ⓐ	Ⓑ	●	Ⓓ

	A	B	C	D
43	Ⓐ	Ⓑ	Ⓒ	●
44	●	Ⓑ	Ⓒ	Ⓓ
45	●	Ⓑ	Ⓒ	Ⓓ
46	Ⓐ	●	Ⓒ	Ⓓ
47	Ⓐ	●	Ⓒ	Ⓓ
48	Ⓐ	●	Ⓒ	Ⓓ
49	Ⓐ	Ⓑ	Ⓒ	●
50	●	Ⓑ	Ⓒ	Ⓓ
51	●	Ⓑ	Ⓒ	Ⓓ
52	Ⓐ	Ⓑ	Ⓒ	●
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83	Ⓐ	Ⓑ	Ⓒ	●
84	Ⓐ	Ⓑ	Ⓒ	●

	A	B	C	D
85	Ⓐ	Ⓑ	Ⓒ	●
86	Ⓐ	Ⓑ	●	Ⓓ
87	●	Ⓑ	Ⓒ	Ⓓ
88	Ⓐ	●	Ⓒ	Ⓓ
89	●	Ⓑ	Ⓒ	Ⓓ
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91	Ⓐ	●	Ⓒ	Ⓓ
92	Ⓐ	Ⓑ	●	Ⓓ
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97	●	Ⓑ	Ⓒ	Ⓓ
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99	●	Ⓑ	Ⓒ	Ⓓ
100	●	Ⓑ	Ⓒ	Ⓓ
101	●	Ⓑ	Ⓒ	Ⓓ
102	Ⓐ	●	Ⓒ	Ⓓ
103	Ⓐ	Ⓑ	●	Ⓓ
104	Ⓐ	Ⓑ	Ⓒ	●
105	Ⓐ	Ⓑ	Ⓒ	●
106	Ⓐ	Ⓑ	Ⓒ	●
107	Ⓐ	Ⓑ	Ⓒ	●
108	Ⓐ	Ⓑ	Ⓒ	●
109	Ⓐ	Ⓑ	Ⓒ	●
110	Ⓐ	Ⓑ	●	Ⓓ
111	●	Ⓑ	Ⓒ	Ⓓ
112	Ⓐ	●	Ⓒ	Ⓓ
113	●	Ⓑ	Ⓒ	Ⓓ
114	Ⓐ	Ⓑ	●	Ⓓ
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116	Ⓐ	Ⓑ	●	Ⓓ
117	Ⓐ	●	Ⓒ	Ⓓ
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119	Ⓐ	●	Ⓒ	Ⓓ
120	Ⓐ	Ⓑ	Ⓒ	●
121	●	Ⓑ	Ⓒ	Ⓓ
122	Ⓐ	●	Ⓒ	Ⓓ
123	Ⓐ	Ⓑ	●	Ⓓ
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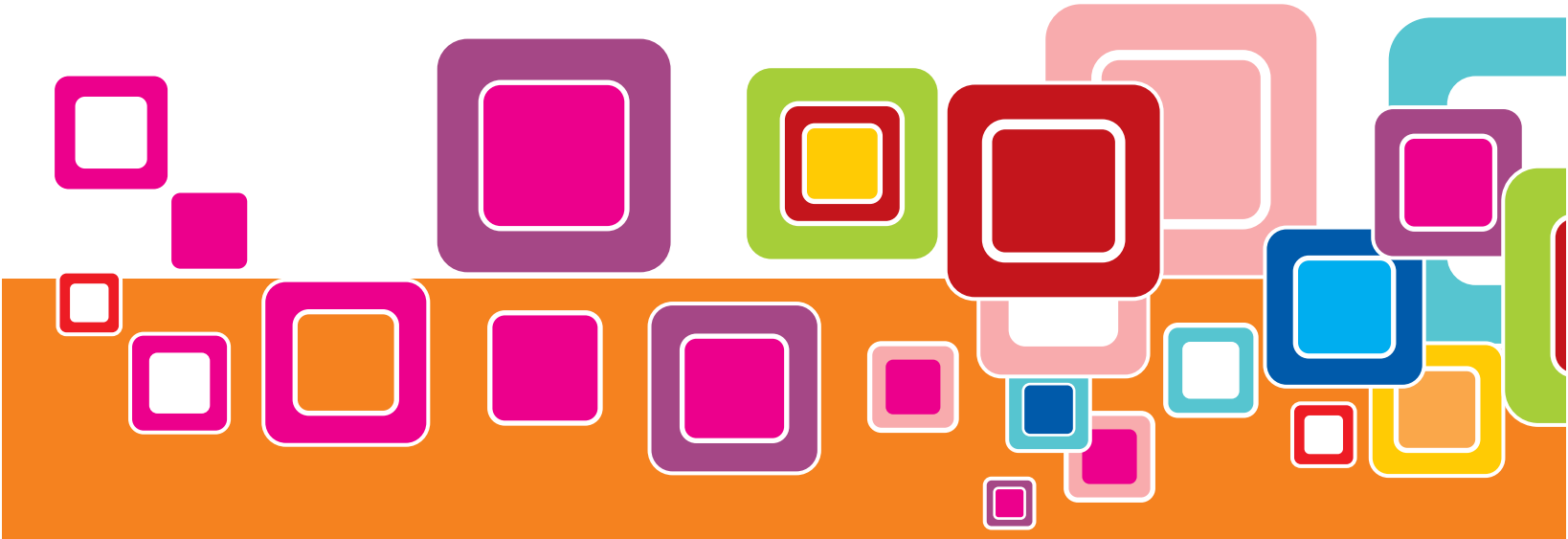
125	●	Ⓑ	Ⓒ	Ⓓ
126	●	Ⓑ	Ⓒ	Ⓓ

	A	B	C	D
127	Ⓐ	Ⓑ	●	Ⓓ
128	●	Ⓑ	Ⓒ	Ⓓ
129	●	Ⓑ	Ⓒ	Ⓓ
130	●	Ⓑ	Ⓒ	Ⓓ
131	Ⓐ	●	Ⓒ	Ⓓ
132	Ⓐ	Ⓑ	●	Ⓓ
133	●	Ⓑ	Ⓒ	Ⓓ
134	●	Ⓑ	Ⓒ	Ⓓ
135	Ⓐ	●	Ⓒ	Ⓓ
136	●	Ⓑ	Ⓒ	Ⓓ
137	Ⓐ	Ⓑ	●	Ⓓ
138	●	Ⓑ	Ⓒ	Ⓓ
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