

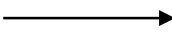
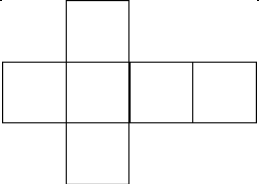
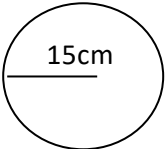


Nadi Sangam School
Mathematics
Worksheet 2 SOLUTION (28.06.21 – 03.06.21)
YEAR 6

	QUESTION	WORKING	ANSWER
1.	Use the symbol < or > or = to make the statement TRUE for parts (a), (b) and (c)		
a	360 x 42 _____ 32456 – 85 15120 32371		<
b	3.002 _____ 3.50		<
c	2/3 _____ 1/2	 	>
2.	Name the 1D shape drawn below. 		RAY
3.	29.37 cm rounded off to the nearest cm is _____		29 cm
4.	Simplify to its smallest form. 6/8	$\frac{6}{8} \div 2 = \frac{3}{4}$ $8 \div 2 = 4$	3/4
5.	Find the value of x in the equation $3x + 1 = 13$	$3x + 1 - 1 = 13 - 1$ $\frac{3x}{3} = \frac{12}{3}$ $X = 4$	X= 4
6.	Arrange these decimals in ascending order. 3.5 , 3.005, 3.53, 3.05		3.005, 3.05, 3.5,3.53
7.	Find the average 50,69,47,52	Average= $\frac{\text{Total score}}{\text{No. of scores}}$	Av = 54.5

8.	Draw the net of a cube.		
9.	<p>The diagram given shows a circle</p>  <p>What is the length of the diameter of the circle?</p>	<p>Diameter = 2 x radius = 2 x 15 = <u>30cm</u></p>	<p>D= 30cm</p>
10.	<p>During a competition, a team won \$84,000 as their prize money.</p> <p>(a) If there are 11 players and 3 officials in the team, how many people would share the money?</p> <p>(b) If the team gave 20% of the money to Heart Foundation, how much money would they donate?</p> <p>(c) how much money would be left after donations?</p> <p>(d) After donating the money, how much money would each person get?</p>	<p>a. $11+3 = 14$ people</p> <p>b. 20% of \$84000 $= \frac{20}{100} \times 84000$ $= 2 \times 8400$ $= \underline{\\$16800}$</p> <p>c. $\begin{array}{r} 84000 \\ - 16800 \\ \hline 67200 \end{array}$</p> <p>d. $\begin{array}{r} \underline{\\$4800} \\ 14 \overline{)67200} \\ \underline{-56} \\ 112 \\ \underline{-112} \\ \dots \\ 0 \\ \underline{-0} \\ 0 \\ \underline{-0} \\ 0 \\ \dots \end{array}$</p>	<p>a.14 people</p> <p>b.\$ 16 800</p> <p>c. \$ 67 200</p> <p>d. \$ 4 800</p>

<p>11.</p>	<p>Solve the following fraction.</p> <p>a.) $2\frac{1}{2} \times 5 =$ _____</p> <p>b.) $5\frac{3}{4} \div 2\frac{1}{2} =$ _____</p>	<p>a. Change $2\frac{1}{2}$ to improper fraction</p> $2 + \frac{1}{2} = \frac{5}{2} \times \frac{5}{1}$ $= \frac{25}{2} \text{ or } 12\frac{1}{2}$ <p>b. $5\frac{3}{4} \div 2\frac{1}{2}$ Change both to improper fraction and then take the opposite operation of \div to \times, then take the reciprocal of the 2nd fraction.</p> $\frac{23}{4} \times \frac{2}{5} = \frac{46}{20}$ $= 2\frac{6}{20}$	<p>a. $\frac{25}{2} = 12\frac{1}{2}$</p> <p>b. $2\frac{6}{20}$</p>
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