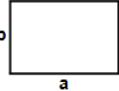

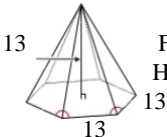




1) Find the next three numbers in the sequence 0,1,1,2,3,5,8 __, __, __  Answer: _____	2)  Find perimeter of rectangle having sides $a = 100$ in and $b = 99$ in  Answer: _____	3) An amount was decreased by 7% to \$440.00. Find the original amount.  Answer: _____
4) Write 8000000000 in standard form.  Answer: _____	5) What would you multiply by to decrease an amount by 83%?  Answer: _____	6) What would you multiply by to decrease an amount by 83%?  Answer: _____
7) Factorise $d^2 + 9d + 14$  Answer: _____	8) 09:47 am To 02:13 pm  Answer: _____	9)  Find area of square having each side ( $s$ ) equals 22 in  Answer: _____
10) $(-2) - 82$  Answer: _____	11) Solve by factorising $q^2 - 4q - 5 = 0$  Answer: _____	12) $6 \times (-14)$  Answer: _____
13) What would you multiply by to increase an amount by 94%?  Answer: _____	14) Factorise $d^2 + 7d + 10$  Answer: _____	15) Write $9 \times 10^5$ as a normal number.  Answer: _____



<p>16) <math>10 \times (-25)</math></p> <p>Answer: _____</p>	<p>17) Find the next three numbers in the sequence 28,20,30,22,32,24,34____,____</p> <p>Answer: _____</p>	<p>18) Solve by factorising <math>q^2 + 7q - 8 = 0</math></p> <p>Answer: _____</p>
<p>19) <math>(4 \times 2^{-1}) + (6 \times 1^5)</math></p> <p>Answer: _____</p>	<p>20) A number is chosen at random from 1 to 25. Find the probability of selecting odd number.</p> <p>Answer: _____</p>	<p>21)  Find Volume of Hexagonal Pyramid</p> <p>Answer: _____</p>
<p>22) A number was shared in the ratio 4:16. The smaller share was 21. What was the larger amount?</p> <p>Answer: _____</p>	<p>23) A number is chosen at random from 1 to 25. Find the probability of selecting multiples of 6 and 9.</p> <p>Answer: _____</p>	<p>24) <math>49 + 100</math></p> <p>Answer: _____</p>
<p>25) Factorise <math>d^2 + 6d + 8</math></p> <p>Answer: _____</p>	<p>26) <math>(1 \times 2^3) \times (9 \times 7^7)</math></p> <p>Answer: _____</p>	<p>27) Find the mode of the following set of data: 33, 33, 42, 42, 42, 6, 6</p> <p>Answer: _____</p>
<p>28) Decrease 291 by <math>\frac{3}{97}</math></p> <p>Answer: _____</p>	<p>29) Find the next three numbers in the sequence 21,20,30,29,39,38,48____,____</p> <p>Answer: _____</p>	<p>30) Find the percentage change from 8 to 20</p> <p>Answer: _____</p>



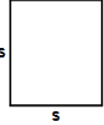
31) Find the mode of the following set of data: 15, 15, 15, 15, 15, 15, 15, 29, 29, 29, 29, 29, 29, 19, 19, 19, 19, 19, 19  Answer: _____	32) $100 + (-66)$  Answer: _____	33) $14.3 + 81.9$  Answer: _____
34) Factorise $9s^2 + 40s + 16$  Answer: _____	35) Round 21.26468 to the nearest 10000  Answer: _____	36) $100 \div 10$  Answer: _____
37) $80 \div 10$  Answer: _____	38) $3 \frac{1}{10} - 6 \frac{4}{5}$  Answer: _____	39) $2 \frac{2}{4} - 5 \frac{2}{3}$  Answer: _____
40) $40 - 39$  Answer: _____	41) Decrease 40 by 5%  Answer: _____	42) Write $4 \times 10^3$ as a normal number.  Answer: _____
43) What would you multiply by to decrease an amount by 59%?  Answer: _____	44) $(2 \times 1^2) \times (4 \times 3^6)$  Answer: _____	45) Simplify 14:17  Answer: _____



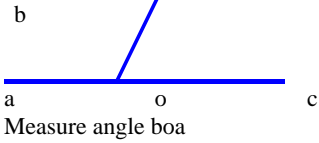
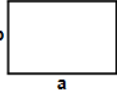
Name: \_\_\_\_\_

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<p>61) <math>5 \frac{6}{8} - 5 \frac{5}{8}</math></p> <p>Answer: _____</p>	<p>62) 'What is the probability of rolling a even prime number.when rolling a dice</p> <p>Answer: _____</p>	<p>63) 'What is the probability of rolling a even prime number.when rolling a dice</p> <p>Answer: _____</p>
<p>64) Find the next three numbers in the sequence 0,1,1,2,3,5,8____,____,</p> <p>Answer: _____</p>	<p>65) Round 26.6043844 to the nearest whole number.</p> <p>Answer: _____</p>	<p>66) Share 36 in the ratio 11:7</p> <p>Answer: _____</p>
<p>67) Share 36 in the ratio 11:7</p> <p>Answer: _____</p>	<p>68) An amount was decreased by 1% to \$357.00. Find the original amount.</p> <p>Answer: _____</p>	<p>69) 'What is the probability of rolling a even prime number.when rolling a dice</p> <p>Answer: _____</p>
<p>70) <math>7.8 \times 12.8</math></p> <p>Answer: _____</p>	<p>71) <math>4\frac{4}{9} \div 1\frac{6}{9}</math></p> <p>Answer: _____</p>	<p>72) <math>4\frac{4}{9} \div 1\frac{6}{9}</math></p> <p>Answer: _____</p>
<p>73)  Find area of square having each side (s) equals 40 in</p> <p>Answer: _____</p>	<p>74) Factorise <math>3j^2 + 29j + 18</math></p> <p>Answer: _____</p>	<p>75) Factorise <math>3j^2 + 29j + 18</math></p> <p>Answer: _____</p>



76) Share 22 in the ratio 4:7          Answer: _____	77) b  Measure angle boa       Answer: _____	78)  Find area of rectangle having sides $a = 92$ cm and $b = 80$ cm       Answer: _____
79) Share 25 in the ratio 1:4          Answer: _____	80) Simplify 18:17          Answer: _____	81) $(4 \times 9^2) \times (1 \times 1^4)$          Answer: _____
82) Factorise $3q^2 + 11q + 10$          Answer: _____	83) Convert the following improper fraction $5\frac{3}{4} + 1\frac{4}{5}$ into a mixed number          Answer: _____	84) Convert the following improper fraction $5\frac{3}{4} + 1\frac{4}{5}$ into a mixed number          Answer: _____
85) $(-10) - 32$          Answer: _____	86) Simplify 20:4          Answer: _____	87) $221 \div 17$          Answer: _____
88) $(-26) - 89$          Answer: _____	89) Round 26.4596 to 2 decimal places.          Answer: _____	90) $\frac{1}{4}$ 16          Answer: _____

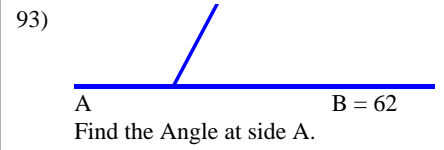


91)  $16^{1/4}$

Answer: \_\_\_\_\_

92)  $16^{1/4}$

Answer: \_\_\_\_\_



Answer: \_\_\_\_\_

94) Find the mode of the following set of data:  
48, 44

Answer: \_\_\_\_\_

95)  $3\frac{1}{2} \times 5\frac{9}{10}$

Answer: \_\_\_\_\_

96) Write 100 in standard form.

Answer: \_\_\_\_\_

97)  $25 + 25$

Answer: \_\_\_\_\_

98) 08:43 am To 02:46 pm

Answer: \_\_\_\_\_

99)  $(9 \times 9^6) - (8 \times 2^4)$

Answer: \_\_\_\_\_

100) A number was shared in the ratio  
2:16. The smaller share was 33.  
What was the larger amount?

Answer: \_\_\_\_\_

**Total: \_\_\_ / 100**

April 01, 2024

**Answers:**

- |                     |                 |               |                       |                       |                       |                      |
|---------------------|-----------------|---------------|-----------------------|-----------------------|-----------------------|----------------------|
| 1) 13,21,34,        | 2) 398in        | 3) \$409.20   | 4) $8 \times 10^9$    | 5) 0.17               | 6) 0.17               | 7) $(d + 2)(d + 7)$  |
| 8) 04 Hours 26 Mins | 9) 484in        | 10) -84       | 11) $q = 5$ or $-1$   | 12)                   | 13) 1.94              | 14) $(d + 2)(d + 5)$ |
| 15) 900000          | 16)             | 17) 26,36,28, | 18) $q = 1$ or $-8$   | 19) 8                 | 20) $12/25$           | 21) 1902.6578121144  |
| 22) 84              | 23) $6/25$      | 24) 149       | 25) $(d + 2)(d + 4)$  | 26) 59295096          | 27) 42                | 28) 282              |
| 29) 47,57,56,       | 30) 150%        | 31) 15        | 32) 34                | 33) 96.2              | 34) $(1s + 4)(s + 4)$ | 35) 21.2647          |
| 36) 10              | 37) 8           | 38) $67/10$   | 39) $61/6$            | 40) 1                 | 41) 38                | 42) 4000             |
| 43) 0.41            | 44) 5832        | 45) 14 : 17   | 46) $(q + 3)^2 - 1$   | 47) 189               | 48) 90                | 49) $7/11$           |
| 50) 3               | 51) $3^{29}/63$ | 52) 77.3      | 53) $1/5$             | 54) $61/6$            | 55) 36                | 56) 434              |
| 57) 25.52           | 58) 99          | 59) 99        | 60) 3.662             | 61) $1/8$             | 62) $1/6$             | 63) $1/6$            |
| 64) 13,21,34,       | 65) 27          | 66) 2 : 34    | 67) 2 : 34            | 68) \$353.43          | 69) $1/6$             | 70) 99.84            |
| 71) $2^2/3$         | 72) $2^2/3$     | 73) 1600in    | 74) $(1j + 9)(j + 2)$ | 75) $(1j + 9)(j + 2)$ | 76) 2 : 20            | 77) 116              |
| 78) 7360cm          | 79) 5 : 20      | 80) 18 : 17   | 81) 324               | 82) $(1q + 2)(q + 5)$ | 83) $7^{11}/20$       | 84) $7^{11}/20$      |
| 85) -42             | 86) 5 : 1       | 87) 13        | 88) -115              | 89) 26.46             | 90) 2                 | 91) 2                |
| 92) 2               | 93) 118         | 94) 48        | 95) $20^{13}/20$      | 96) $1 \times 10^2$   | 97) 50                | 98) 06 Hours 03 Mins |
| 99) 4782841         | 100) 264        |               |                       |                       |                       |                      |