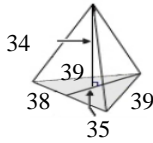
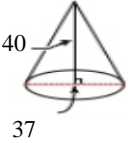

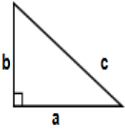


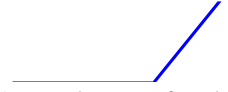


<p>1)</p> <p>Answer: _____</p>	<p>2) Find the mode of the following set of data: 197, 197, 7, 7, 7, 7, 7, 119, 119, 119, 119, 150, 150, 150</p> <p>Answer: _____</p>	<p>3)  Find Volume of Triangular Pyramid</p> <p>Answer: _____</p>
<p>4) $(-2660) \div 35$</p> <p>Answer: _____</p>	<p>5) $5645 - (-3775)$</p> <p>Answer: _____</p>	<p>6) Find the value of 'q' by completing the square of the following equation: $x^2 + 4q + 4$</p> <p>Answer: _____</p>
<p>7) \$311.00 earning 1% compound interest for 8 years.</p> <p>Answer: _____</p>	<p>8) $29 \frac{1}{2} - 24 \frac{1}{2}$</p> <p>Answer: _____</p>	<p>9) Find the value of 's' by completing the square of the following equation: $x^2 + 8s + 15$</p> <p>Answer: _____</p>
<p>10) Find the range of the following set of data: 6, 4, -16, 6, 18</p> <p>Answer: _____</p>	<p>11) Convert the following fraction into a mixed number: $\frac{79}{35}$</p> <p>Answer: _____</p>	<p>12) Write 6×10^1 as a normal number.</p> <p>Answer: _____</p>
<p>13) $(17 + 8^2) \div (3^2 \times 9)$</p> <p>Answer: _____</p>	<p>14) $3675.1 + 3716.4$</p> <p>Answer: _____</p>	<p>15) $3778 + (-7236)$</p> <p>Answer: _____</p>



16)  Find Volume of Cone Answer: _____	17) Round 22.3273807612 to 1 significant figures. Answer: _____	18) Round 19.5785728062 to 6 significant figures. Answer: _____
19) An amount was increased by 4% to \$269.00. Find the original amount. Answer: _____	20) An amount was increased by 4% to \$269.00. Find the original amount. Answer: _____	21) $(6 \times 5^5) \times (4 \times 9^9)$ Answer: _____
22) $(6 \times 5^5) \times (4 \times 9^9)$ Answer: _____	23) $(6 \times 5^5) \times (4 \times 9^9)$ Answer: _____	24)  'Name the type of angle. Answer: _____
25) Decrease 12 by $\frac{2}{3}$ Answer: _____	26)  Find perimeter of triangle $a = 6394$ cm, $b = 9580$ cm, $c = 9902$ cm Answer: _____	27) 'What is the probability of rolling a even prime number.when rolling a dice Answer: _____
28) 'What is the probability of rolling a even prime number.when rolling a dice Answer: _____	29) \$458.00 earning 9% compound interest for 5 years. Answer: _____	30) \$221.00 earning 1% compound interest for 8 years. Answer: _____

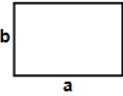
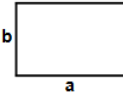


31) 2211×4169 Answer: _____	32) $36377.6 \div 392$ Answer: _____	33) \$308.00 earning 5% compound interest for 4 years. Answer: _____
34) Write 8.1×10^9 as a normal number. Answer: _____	35) $11\frac{1}{4} - 21\frac{1}{11}$ Answer: _____	36) Find the mean of the following set of data: 0.9, 0.4, 0.8 Answer: _____
37) Convert the following improper fraction $25\frac{7}{10} + 24\frac{8}{19}$ into a mixed number Answer: _____	38) Convert the following improper fraction $25\frac{7}{10} + 24\frac{8}{19}$ into a mixed number Answer: _____	39)  Name the type of angle. Answer: _____
40) Factorise $d^2 + 5d + 6$ Answer: _____	41) Convert the following improper fraction $5\frac{10}{20} + 14\frac{5}{6}$ into a mixed number Answer: _____	42) $12\frac{3}{20} \div 5\frac{9}{18}$ Answer: _____
43) Convert the following fraction into a mixed number: $\frac{54}{29}$ Answer: _____	44) Convert the following mixed number $30\frac{4}{8}$ into an improper fraction. Answer: _____	45) What would you multiply by to increase an amount by 77%? Answer: _____

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46) $30\frac{1}{1} - 23\frac{1}{12}$ Answer: _____	47) $3269.6 \div 134$ Answer: _____	48) Round 15.99531879 to the nearest whole number. Answer: _____
49) $(-3139) \div (-43)$ Answer: _____	50)  Find area of rectangle having sides a = 8876 cm and b = 8639 cm Answer: _____	51) Round 10.128918249256 to the nearest whole number. Answer: _____
52) Find the value of 'j' by completing the square of the following equation: $2 + 4j + 4$ Answer: _____	53) 31×10 Answer: _____	54) \$168.00 earning 4% compound interest for 10 years. Answer: _____
55) Find the mode of the following set of data: 159, 159, 159, 159, 159, 159, 94, 94, 112, 112, 112, 112, 69, 69, 69, 69, 109, 109, 109, 109, 109, 109, 109 Answer: _____	56) Find the mode of the following set of data: 159, 159, 159, 159, 159, 159, 94, 94, 112, 112, 112, 112, 69, 69, 69, 69, 109, 109, 109, 109, 109, 109, 109 Answer: _____	57) $(-86) \times (-17)$ Answer: _____
58) 65.5×33.9 Answer: _____	59) $2200 \div 100$ Answer: _____	60)  Find perimeter of rectangle having sides a = 9324 ft and b = 6582 ft Answer: _____



61) Round 16.42199781148588 to 6 decimal places. Answer: _____	62) Round 16.42199781148588 to 6 decimal places. Answer: _____	63) $8\frac{7}{9} \div 3\frac{11}{16}$ Answer: _____
64) Decrease 18 by $\frac{2}{9}$ Answer: _____	65) $\frac{8}{105}$ of 210 Answer: _____	66) 73% of 42 Answer: _____
67) 25% of 362 Answer: _____	68) $26\frac{1}{5} - 25\frac{7}{8}$ Answer: _____	69) $\frac{17}{9} \div \frac{26}{12}$ Answer: _____
70) 2050×9596 Answer: _____	71) Round 2.31912187935928 to 3 significant figures. Answer: _____	72) Round 2.31912187935928 to 3 significant figures. Answer: _____
73) $9772 + 6205$ Answer: _____	74) $38\frac{8}{18} - 40\frac{1}{20}$ Answer: _____	75) Round 6.911 to the nearest whole number. Answer: _____

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76) Round 29.6542506108 to 6 decimal places.

Answer: _____

77) $7569.2 \div 127$

Answer: _____

78) $7921 + (-1304)$

Answer: _____

79) $36 \times (-82)$

Answer: _____

80) 51% of 14

Answer: _____

81) $\frac{38}{20} \div \frac{25}{11}$

Answer: _____

82) Factorise $s^2 + 9s + 14$

Answer: _____

83) $(-306) \div (-17)$

Answer: _____

84) $\frac{5}{11} \times \frac{39}{9}$

Answer: _____

85) 6599×1884

Answer: _____

86) Share 82 in the ratio 48:34

Answer: _____

87) Solve $5f^2 + 12f - 14 = 0$
Round your solutions to 1 decimal place.

Answer: _____

88) Increase 198 by $\frac{1}{99}$

Answer: _____

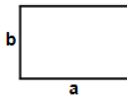
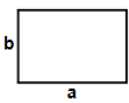
89) An amount was decreased by 1% to \$427.00. Find the original amount.

Answer: _____

90) $8357 + 4130$

Answer: _____



<p>91) $(-5382) - (-9594)$</p> <p>Answer: _____</p>	<p>92) Round 30.40373 to 4 significant figures.</p> <p>Answer: _____</p>	<p>93) Round 30.40373 to 4 significant figures.</p> <p>Answer: _____</p>
<p>94) $(9 \times 7^6) + (3 \times 1^{-9})$</p> <p>Answer: _____</p>	<p>95) $1283 + 4256.7$</p> <p>Answer: _____</p>	<p>96)  Find area of rectangle having sides $a = 7485$ m and $b = 2171$ m</p> <p>Answer: _____</p>
<p>97)  Find area of rectangle having sides $a = 7485$ m and $b = 2171$ m</p> <p>Answer: _____</p>	<p>98) Solve by factorising $q^2 - 5q + 6 = 0$</p> <p>Answer: _____</p>	<p>99) $8^2/7 \div 12^8/9$</p> <p>Answer: _____</p>
<p>100) $(-4880) \div 61$</p> <p>Answer: _____</p>		

Total: ___ / 100

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**Answers:**

- | | | | | | | |
|--------------------|---------------------|-------------------------|-------------------|----------------------|----------------|--------------------|
| 1) 1 | 2) 7 | 3) 7536.666666667 | 4) -76 | 5) 9420 | 6) $(q + 2)^2$ | 7) \$336.77 |
| 8) 5 | 9) $(s + 4)^2 - 1$ | 10) 34 | 11) $2^9/35$ | 12) 60 | 13) | 14) 7391.5 |
| 15) -3458 | 16) 14336.134475881 | 17) 20 | 18) 19.5786 | 19) \$258.65 | 20) \$258.65 | 21) 29056536675000 |
| 22) 29056536675000 | 23) 29056536675000 | 24) Right | 25) 4 | 26) 25876cm | 27) $1/6$ | 28) $1/6$ |
| 29) \$704.69 | 30) \$239.31 | 31) 9217659 | 32) 92.8 | 33) \$374.38 | 34) 8100000000 | 35) $37/44$ |
| 36) 0.7 | 37) $50^{23}/190$ | 38) $50^{23}/190$ | 39) Obtuse | 40) $(d + 2)(d + 3)$ | 41) $20^{1/3}$ | 42) $2^{23}/110$ |
| 43) $1^{25}/29$ | 44) $6^{1/2}$ | 45) 1.77 | 46) $28^{1/12}$ | 47) 24.4 | 48) 16 | 49) 73 |
| 50) 76679764cm | 51) 10 | 52) $(j + 2)^2$ | 53) 310 | 54) \$248.68 | 55) 109 | 56) 109 |
| 57) | 58) 2220.45 | 59) 22 | 60) 31812ft | 61) 16.421998 | 62) 16.421998 | 63) $2^{202}/531$ |
| 64) 14 | 65) 16 | 66) 30.66 | 67) 90.5 | 68) $13/40$ | 69) $34/39$ | 70) 19671800 |
| 71) 2.32 | 72) 2.32 | 73) 15977 | 74) $3^{109}/180$ | 75) 7 | 76) 29.654251 | 77) 59.6 |
| 78) 6617 | 79) | 80) 7.14 | 81) $20^9/250$ | 82) $(s + 2)(s + 7)$ | 83) 18 | 84) $1^{32}/33$ |
| 85) 12432516 | 86) 1 : 81 | 87) $f = 0.9$ or -3.3 | 88) 200 | 89) \$422.73 | 90) 12487 | 91) 4212 |
| 92) 30.4 | 93) 30.4 | 94) 1058844 | 95) 5539.7 | 96) 16249935m | 97) 16249935m | 98) $q = 3$ or 2 |
| 99) $9/14$ | 100) -80 | | | | | |