1)

A = 28   B
Find the Angle at side B.

Answer: _____

2)   **33** $^4/_6$ **- 20** $^{10}/_{11}$

Answer: _____

3)   **33** $^4/_6$ **- 20** $^{10}/_{11}$

Answer: _____

4) $(5 \times 8^8) / (2 \times 6^{-1})$

Answer: _____

5)   3086 x 1449

Answer: _____

6)   An amount was decreased by 10.3% to $129.00. Find the original amount.

Answer: _____

7)

A   B = 19
Find the Angle at side A.

Answer: _____

8)   (-7460) - (-5565)

Answer: _____

9)   (-9147) + (-4264)

Answer: _____

10)   8956 + (-2995)

Answer: _____

11) $81^{\,6/_8}$

Answer: _____

12)   **2** $^5/_8$ **- 37** $^5/_{19}$

Answer: _____

13)   Find area of triangle
a = 9830 cm, b = 9927 cm

Answer: _____

14)   Simplify 11:56

Answer: _____

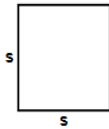15)   Factorise $4q^2 + 18q + 8$

Answer: _____

16) $(10 \times 1^{-1}) + (7 \times 1^{-6})$

Answer: _____

17) $(10 \times 1^{-1}) + (7 \times 1^{-6})$

Answer: _____

18) Find area of square having each side (s) equals 1719 m

Answer: _____

19) Find the range of the following set of data:

12, 5, 11, 16, -0.8, 0.5

Answer: _____

20) $(18 \times 8^2) \div 11 \times 6$

Answer: _____

21) Decrease 290 by $^1/_{58}$

Answer: _____

22) Solve $1s^2 - 6s + 6 = 0$
Round your solutions to 1 decimal place.

Answer: _____

23) A number was shared in the ratio 75:7. The smaller share was 21. What was the total amount shared?
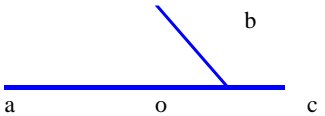
Answer: _____

24) 32 $^9/_{15}$

Answer: _____

25) 32 $^9/_{15}$

Answer: _____

26) 'What is the probability of rolling a multiple of 6.when rolling a dice
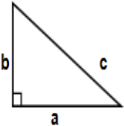
Answer: _____

27)

a   o   c   b

Measure angle boc

Answer: _____

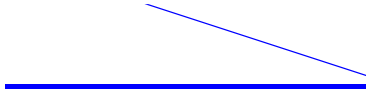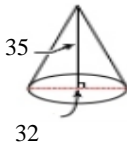28) $(5 \times 4^8) + (1 \times 6^3)$
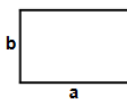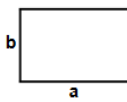
Answer: _____

29) Find perimeter of triangle
a = 9864 ft, b = 9959 ft,
c = 9984ft

Answer: _____

30) Find perimeter of square having each side (s) equals 6088 ft

Answer: _____

Name: _____

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31)

A = 18   B

Find the Angle at side B.

Answer: _____

32) $^5/_{17}$ of 51

Answer: _____

33) Find the median of the following set of data:

32, 13, 33, 39, 11, 31, 21, 25, 36, 9, 5, 36, 36, 16, 12, 13, 29, 3, 12, 29

Answer: _____

---

34)

35   Find Volume of Cone

32

Answer: _____

35) 620 ÷ 10

Answer: _____

36) A number was shared in the ratio 15:7. The larger share was 75. What was the smaller amount?

Answer: _____

---

37) $4^2/_{11}$ x $14^4/_5$

Answer: _____

38) Solve by factorising
$x^2 - 8x + 12 = 0$

Answer: _____

39)

Find perimeter of rectangle having sides a = 5927 in and b = 2755 in

Answer: _____

---

40) A number was shared in the ratio 30:92. The smaller share was 90. What was the larger amount?

Answer: _____

41) $7^{-4} / 7^{15}$

Answer: _____

42) $7^{-4} / 7^{15}$

Answer: _____

---

43) Find the mode of the following set of data:

98, 98, 98, 98, 110, 110, 110, 110, 103, 103, 103, 103, 112, 112, 112

Answer: _____

44) $(1 \times 10^3) / (2 \times 1^{-6})$

Answer: _____

45)

Find perimeter of rectangle having sides a = 9253 ft and b = 3534 ft

Answer: _____

---

46) 5084 - (-9357)	47) (13 x 8) x (19 x 7)	48) Round 2.98 to 1 significant figures.
Answer: _____	Answer: _____	Answer: _____

49) Find the mean of the following set of data: 0.5, 65, 0.6, 0.9, 78	50) Find the value of 'q' by completing the square of the following equation: $^2 + 10q + 16$	51) $(-1845) \div (-41)$
Answer: _____	Answer: _____	Answer: _____

52) $10^{15}/_{19} \div 32^{1}/_{2}$	53) A number is chosen at random from 1 to 75. Find the probability of selecting multiples of 20 and 17.	54) Decrease 462 by 3%
Answer: _____	Answer: _____	Answer: _____

55) A B = 39 Find the Angle at side A.	56) 2471.6 + 4640.8	57) **34** $^{1}/_{2}$ - **23** $^{17}/_{19}$
Answer: _____	Answer: _____	Answer: _____

58) 36 Find Volume of Hexagonal Pyramid 32 32	59) $(-7544) \div 82$	60) $(-3458) + 7810$
Answer: _____	Answer: _____	Answer: _____

Name: _____

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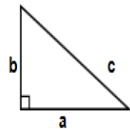|		
61) $418.00 earning 7% compound interest for 3 years. Answer: _____	62) Increase 70 by 37% Answer: _____	63) 8753 + (-6306) Answer: _____

64) 2342 - 1397 Answer: _____	65) Find perimeter of triangle a = 1490 cm, b = 3784 cm, c = 8106cm Answer: _____	66) Find the mode of the following set of data: 39, 39, 39, 39, 127, 127, 127, 127, 127, 73, 73, 131, 131, 131, 183, 183, 183, 107, 107, 107, 107, 107, 107 Answer: _____

67) Increase 144 by $\frac{1}{72}$ Answer: _____	68) Find the mode of the following set of data: 103, 103, 103, 169, 169, 60, 60, 37, 37, 37, 154, 154 Answer: _____	69) 7456 + 5079 Answer: _____

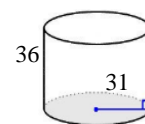|		
70) 3235 - 2696 Answer: _____	71) 56 x 100 Answer: _____	72) Find the value of 'j' by completing the square of the following equation: $^2 + 4j + 4$ Answer: _____

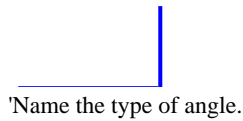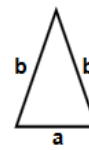|		
73) $3\ ^{19}/_{20} - 9\ ^{13}/_{14}$ Answer: _____	74) Convert the following improper fraction $9^{10}/_{12} + 4^3/_4$ into a mixed number Answer: _____	75) 36 31 Find Volume of Cylinder Answer: _____

76) Factorise $6q^2 + 20q + 6$
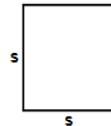
Answer: _____

77)

'Name the type of angle.

Answer: _____

78) Find area of triangle
a = 5103 m, b = 9966 m

Answer: _____

79) (-65) x (-85)

Answer: _____

80) Find perimeter of square having each side (s) equals 9461 m

Answer: _____

81) Convert the following improper fraction $1^2/_{11} + 6^4/_{20}$ into a mixed number

Answer: _____

82) 1538 - (-1987)

Answer: _____

83) $73.35 earning 5% compound interest for 10 years.

Answer: _____

84) Round 27.43084346 to the nearest whole number.

Answer: _____

85) Find the next three numbers in the sequence
41,40,60,59,79,78,98__,__,__

Answer: _____

86) Find the mode of the following set of data:
44, 44, 44, 44, 44, 44, 8, 8, 117, 117, 185, 185, 117, 117, 117, 117, 117, 117, 117

Answer: _____

87) $8^{17}/_{18} \div 2^1/_7$

Answer: _____

88) $8^{17}/_{18} \div 2^1/_7$

Answer: _____

89) Increase 190 by $^4/_{95}$

Answer: _____

90) Increase 201 by 12%

Answer: _____

91) Increase 201 by 12%	92) Simplify 12:96	93) 6669 - 5276
Answer: _____	Answer: _____	Answer: _____

94) Write 1×10^{-2} as a normal number.	95) A number was shared in the ratio 34:93. The smaller share was 34. What was the larger amount?	96) 'What is the probability of rolling a even prime number.when rolling a dice
Answer: _____	Answer: _____	Answer: _____

97) Find the percentage change from 295 to 236	98) 37 Find Volume of Rectangular Pyramid 31 33	99) (7 x 20) x 4 + 14
Answer: _____	Answer: _____	Answer: _____

100) Convert the following fraction into a mixed number: $^{57}/_{19}$
Answer: _____

Total: ___ / 100