

Summer Math Packet

Round each to the place indicated.

1) 1.71 994 1; ten-thousandths

- A) 1.71 98 B) 1.72 00
C) 1.71 99 D) 1.72 0

2) 7.75 26; thousandths

- A) 7.75 2 B) 7.75
C) 7.75 3 D) 7.75 4

3) 77.52 670; hundredths

- A) 77.52 7 B) 77.52
C) 77.53 D) 77.54

4) 2.70; tenths

- A) 2.7 B) 2
C) 2.71 D) 3

5) 2.85 118 1

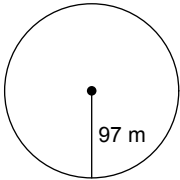
- A) 2.85 12 B) 2.85 2
C) 2.85 11 D) 2.85 1

6) 8.62

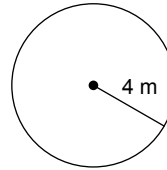
- A) 8.6 B) 8.62
C) 8.63 D) 8.61

Find the diameter of each circle. Round your answer to the nearest tenth.

7)

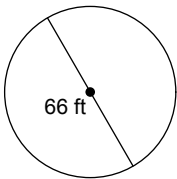


8)

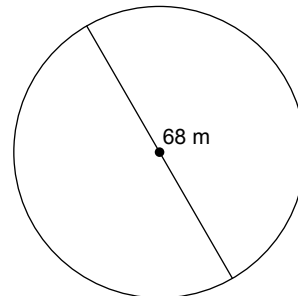


Find the radius of each circle. Round your answer to the nearest tenth.

9)



10)



Choose $<$, $>$, or $=$

11) 0.487 _____ 0.4870

Order from greatest to least.

12) 347 734 374 743

Order from least to greatest

13) 0.707 0.770 0.077 0.70

Find each product.

14) $(6.5)(8.1)$

15) $(13.5)(19.1)$

16) $(12.1)(8.1)$

17) $(13.2)(15.2)$

18) $(1.8)(1.16)(1.9)$

19) $(6)(4.3)(1.2)$

Evaluate each expression.

20) $180.4 + 375.5$

21) $0.3 + 355.5$

22) $210.5 + 410.7$

23) $108 + 61.2$

24) $128.6 + 82.9$

25) $467.1 - 344.8$

Find each sum.

26) $443.3 + 9.8 + 329.07$

27) $161.906 + 436.971 + 245.1$

28) $364 + 476.3 + 272.7$

29) $245.1 + 9.8 + 436.971$

30) $334.4 + 391.5 + 71$

31) $416.5 + 298.3 + 351.395$

Evaluate each expression.

32) $5 + 8 - 12$

33) $2 + 21 \div 3$

34) $6 + (11)(8)$

35) $8 + 8 - 2$

36) $3 + 6 \div 3$

Evaluate each using the values given.

37) $p - (m - m)$; use $m = 2$, and $p = 6$

38) $n^2 - m$; use $m = 1$, and $n = 2$

39) $(x)(x + y)$; use $x = 4$, and $y = 4$

40) $(m)(p - 5)$; use $m = 8$, and $p = 7$

41) $n + m + n$; use $m = 4$, and $n = 9$

Evaluate each expression.

42) $10 + 11 - (8 - 4)$

43) $13 - (8 - (4 - 1))$

44) $6 + 10 - (15 - 6)$

45) $((3)(2)) \div 3$

46) $35 \div (15 - (15 - 7))$

Evaluate each using the values given.

47) $n(4 + p)$; use $n = 3$, and $p = 5$

48) $cb - 6$; use $b = 3$, and $c = 4$

49) $m(n + m)$; use $m = 4$, and $n = 2$

50) $x^2 + y$; use $x = 5$, and $y = 2$

Choose the correct answer.

51) $14 - u = 6$

- A) 5 B) 8
C) 7 D) 6

52) 18 multiplied by a number is 36. What is the number?

- A) one-half B) negative two
C) one D) two

53) A number increased by eight is ten. What is the number?

List all positive factors of each.

54) 63

55) 58

56) 51

57) 74

Express as a product of prime numbers.

58) $2^3 \times 7$

A) $2 \times 3 \times 7$

B) $2 \times 2 \times 2 \times 7$

C) 0

D) $3 \times 3 \times 7$

59) $2^4 \times 5$

A) $2 \times 2 \times 2 \times 4 \times 5$

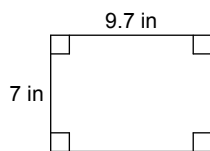
B) $2 \times 4 \times 5$

C) $2 \times 2 \times 2 \times 2 \times 5$

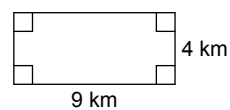
D) $2 \times 2 \times 2 \times 5$

Find the area of each.

60)



61)



Answers to Summer Math Packet

- | | | | |
|------------------------|----------------------------|--------------------------|------------------------|
| 1) C | 2) C | 3) C | 4) A |
| 5) A | 6) A | 7) 194 m | 8) 8 m |
| 9) 33 ft | 10) 34 m | 11) = | |
| 12) 743 734 374 347 | 13) 0.077 0.70 0.707 0.770 | | |
| 14) 52.65 | 15) 257.85 | 16) 98.01 | 17) 200.64 |
| 18) 3.9672 | 19) 30.96 | 20) 555.9 | 21) 355.8 |
| 22) 621.2 | 23) 169.2 | 24) 211.5 | 25) 122.3 |
| 26) 782.17 | 27) 843.977 | 28) 1113 | 29) 691.871 |
| 30) 796.9 | 31) 1066.195 | 32) 1 | 33) 9 |
| 34) 94 | 35) 14 | 36) 5 | 37) 6 |
| 38) 3 | 39) 32 | 40) 16 | 41) 22 |
| 42) 17 | 43) 8 | 44) 7 | 45) 2 |
| 46) 5 | 47) 27 | 48) 6 | 49) 24 |
| 50) 27 | 51) B | 52) D | 53) two |
| 54) 1, 3, 7, 9, 21, 63 | 55) 1, 2, 29, 58 | 56) 1, 3, 17, 51 | 57) 1, 2, 37, 74 |
| 58) B | 59) A | 60) 67.9 in ² | 61) 36 km ² |