

Summer Review Packet

Evaluate each expression.

1) $89 + 52 + 11 - 79$

- A) 45 B) 154
C) 51 D) 73

2) $13 + 56 + 62 - 46$

- A) 0 B) 83
C) 21 D) 85

3) $16 + 99 + 44 - 34$

- A) 125 B) 153
C) 48 D) 166

4) $25.374 + 20.625 + 43.3$

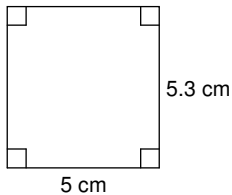
- A) 107.999 B) 40.599
C) 131.299 D) 89.299

5) $16.4 + 49.9 - 16.76$

- A) 27.54 B) 0.84
C) 49.54 D) 45.06

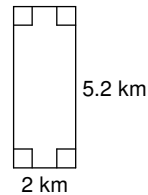
Find the area of each.

6)



- A) 17.2 cm^2 B) 53 cm^2
C) 26.5 cm^2 D) 8.6 cm^2

7)



- A) 4 km^2 B) 20.8 km^2
C) 10.4 km^2 D) 5.2 km^2

Write the name of each decimal place indicated.

8) $\underline{8}9.585$

- A) tens
B) tenths
C) ten-thousandths
D) ten thousands

9) $0.7266\underline{9}6$

- A) thousandths
B) millionths
C) hundred thousands
D) hundred-thousandths

10) $\underline{8}3,732$

- A) ten-thousandths
- B) ten thousands
- C) thousandths
- D) millionths

11) $4.21\underline{6}1$

- A) hundred thousands
- B) thousandths
- C) hundred-thousandths
- D) ten millions

Write each as a percent. Round to the nearest tenth of a percent.

12) 0.19

- A) 191%
- B) 0.2%
- C) 1.9%
- D) 19%

13) 0.04

- A) 0.1%
- B) 1.3%
- C) 2500%
- D) 4%

Find each product.

14) 5.3×5.7

- A) 27.51
- B) 25.61
- C) 11
- D) 30.21

15) 4×3.9

- A) 15.56
- B) 7.9
- C) 15.6
- D) 15.1

16) $2\frac{3}{4} \times \frac{5}{3}$

- A) $3\frac{11}{12}$
- B) $4\frac{7}{12}$
- C) $4\frac{5}{12}$
- D) $2\frac{1}{12}$

17) $2\frac{4}{5} \times \frac{11}{6}$

- A) $7\frac{1}{3}$
- B) $5\frac{2}{15}$
- C) $6\frac{19}{30}$
- D) $3\frac{23}{60}$

Write the name of each decimal place indicated.

18) $4.69\underline{8}1$

- A) ten-thousandths
- B) tenths
- C) hundredths
- D) thousandths

19) $\underline{3}5,505,066$

- A) thousands
- B) millions
- C) ten millions
- D) ones

20) $9\underline{8}.077$

- A) tenths
- B) thousands
- C) tens
- D) ones

Write each as a numeral.

21) seventy-three thousand, six hundred and six hundred sixty-seven thousandths

- A) 73,600.6067 B) 73,620.667
C) 73,600.067 D) 73,600.667

22) sixty thousand, eight and one thousandth

- A) 60,008,001 B) 65,008.001
C) 60,008.051 D) 60,008.001

Find each quotient.

23) $45 \div 9$

24) $120 \div 4$

Find the GCF of each.

25) 21, 14

- A) 21 B) 42
C) 6 D) 7

26) 18, 27

- A) 9 B) 3
C) 36 D) 54

Write each as a fraction.

27) 38.8%

- A) $38\frac{4}{5}$ B) $\frac{97}{250}$
C) $\frac{97}{25000}$ D) 19450

28) 4%

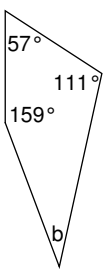
- A) $\frac{2}{25}$ B) $\frac{1}{25}$
C) 125 D) 4

29) 25%

- A) $\frac{17}{20}$ B) 25
C) $2\frac{1}{2}$ D) $\frac{1}{4}$

Find the measure of angle b.

30)



Evaluate each expression.

31) $\frac{12 \times 2}{6 + 2}$

- A) 7 B) 8
C) 0 D) 3

32) $\frac{17 - 5}{1 + 2}$

- A) 11 B) 4
C) 12 D) 14

33) $\frac{15 \times 2}{10 - 4}$

- A) 8 B) 7
C) 1 D) 5

Find each square root.

34) $-\sqrt{1}$

- A) i B) 0
C) -1 D) -2

35) $\sqrt{169}$

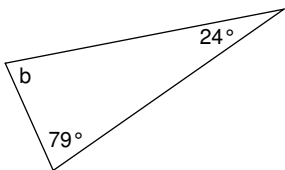
- A) $\sqrt{13}$ B) 13
C) $\sqrt{14}$ D) $84\frac{1}{2}$

36) $\sqrt{25}$

- A) $\sqrt{5}$ B) 5
C) 625 D) $12\frac{1}{2}$

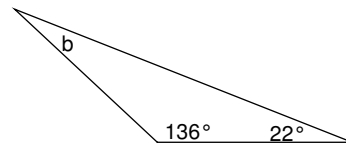
Find the measure of angle b.

37)



- A) 74° B) 77°
C) 86° D) 83°

38)



- A) 18° B) 26°
C) 22° D) 13°

Evaluate each using the values given.

39) $pq \div 6$; use $p = 5$, and $q = 6$

- A) 7 B) 10
C) 11 D) 5

40) $x(y + 4)$; use $x = 3$, and $y = 6$

- A) 24 B) 30
C) 32 D) 33

41) $y(x + 3)$; use $x = 2$, and $y = 2$

- A) 7 B) 14
C) 5 D) 10

Write each as an algebraic expression.

42) 3 cubed

- A) $\frac{n}{3}$ B) n^3
C) $2n$ D) 3^3

43) the sum of 5 and 9

- A) $5 + 9$ B) 5^9
C) 5^3 D) $9 - 5$

44) the difference of 29 and 28

- A) $28 - 29$ B) $29 + 28$
C) $2 \cdot 29$ D) $29 - 28$

45) Mike wants to buy a purse for \$152. He gives the cashier \$160. How much change does he receive?

- A) \$312 B) \$8
C) \$7 D) \$304

46) James ran 16 miles more than Eduardo last week. James ran 33 miles. How many miles did Eduardo run?

- A) 17 B) 49
C) 16 D) 1

47) A recipe for cookies calls for 9 cups of sugar. Cody accidentally put in 10 cups. How many extra cups did he put in?

- A) 1 B) 3
C) 4 D) 2

48) A recipe for cupcakes calls for 4 cups of flour. Julia accidentally put in 9 cups. How many extra cups did she put in?

- A) 1 B) 3
C) 5 D) 2

Answer each question and round your answer to the nearest whole number.

49) The money used in China is called the Yuan. The exchange rate is \$1 for 8 Yuan. Find how many dollars you would receive if you exchanged 16 Yuan.

- A) \$128 B) \$5
C) \$3 D) \$2

50) Julia was planning a trip to Malaysia. Before going, she did some research and learned that the exchange rate is \$1 = 4 Ringgits. How many Ringgits would she get if she exchanged \$3?

- A) 12 Ringgits B) 11 Ringgits
C) 1 Ringgits D) 10 Ringgits