4th Quarter Name # Date

Excel Math

Mark the correct answer in the column on the right.

① $4\frac{1}{2} \times 2\frac{1}{3} =$

A $8\frac{1}{6}$ B $6\frac{5}{6}$

C $10\frac{1}{2}$ D not given

② $\frac{2}{9} \div \frac{4}{12} =$

A $\frac{1}{3}$ B $\frac{24}{13}$

C $\frac{2}{3}$ D $\frac{2}{27}$

③ What is the area of a garden shaped like a right triangle with a base of 10 yards, a height of 10 yards and a hypotenuse of 14.2 yards?

A 50 sq yd B 30 sq yd

C 15 sq yd D 100 sq yd

④ One lap around the track is $1\frac{2}{3}$ miles. How far have you gone if you run $4\frac{1}{2}$ laps around the track?

A $7\frac{1}{6}$ mi B $7\frac{1}{2}$ mi

C $8\frac{2}{6}$ mi D $4\frac{1}{2}$ mi

⑤ $3 \div \frac{1}{9} =$

A $\frac{1}{27}$ B 27

C $\frac{3}{9}$ D 3

⑥ What is the lowest common multiple of 3 and 5?

A 8 B 9

C 15 D 30

⑦ $3\frac{1}{2} \times 1\frac{3}{7} =$

A 3 B $\frac{5}{8}$

C 5 D $\frac{5}{0}$

⑧ If you flip a coin 86 times, how many times would you expect to get heads?

A 43 B 2

C 86 D 46

⑨ Six years ago, Andy was 24 inches tall. He is now 54 inches tall. What percent increase is this?

A 112% B 200%

C 25% D 125%

⑩ Which of the following expressions is equivalent to 3n?

A n + n B n + n + n

C n + n - n D 4n ÷ 2

1. A B C D

2. A B C D

3. A B C D

4. A B C D

5. A B C D

6. A B C D

7. A B C D

8. A B C D

9. A B C D

10. A B C D

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Excel Math

Mark the correct answer in the column on the right.

(11) $6.3 \overline{)445}$

A 74 r4
B 72 r2
C 73 r3
D not given

(12) $^{-}9 + {}^{+}4 =$

A $^{-}5$
B $^{+}5$
C $^{-}13$
D $^{+}13$

(13) What is 56% of $3.50?

A $1.75
B $1.96
C 2.05
D $2.10

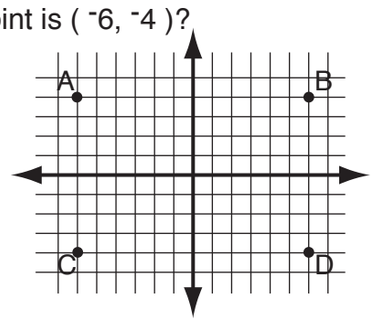
(14) A pentagon has _____ vertices.

A 6
B 5
C 7
D 4

(15) The coordinates for a rectangle are (1, 9), (1, 3), (6, 3) and (6, 9). What is the area of the rectangle?

A 25 sq units
B 36 sq units
C 22 sq units
D 30 sq units

(16) Which point is ($^{-}6$, $^{-}4$)?



A B C D

(17) If $x^2 = 36$, x = _____ .

A 6
B 5
C 3
D 4

(18)
$$\begin{array}{r} 89.7 \\ \times\ 3.68 \\ \hline \end{array}$$

A 93.38
B 330.096
C 3,300.96
D 323.096

(19) Five children wrote a total of 30 stories. What was the average number of stories written by each child?

A 5
B 8
C 3
D 6

(20) If you take Bob's age, add 5, divide by 3 and subtract 5, you will get the number 10. How old is Bob?

A 42 yrs old
B 40 yrs old
C 10 yrs old
D 20 yrs old

11. A B C D
12. A B C D
13. A B C D
14. A B C D
15. A B C D
16. A B C D
17. A B C D
18. A B C D
19. A B C D
20. A B C D

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