

Fourth Quarterly Test

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The Fourth Quarterly Test covers the concepts that have been introduced on Lessons 1 – 135.

Make a copy of the Score Distribution and Error Analysis charts on our website:

www.excelmath.com/tools.html

This test will help the students become familiar with “bubble in” tests. Have them put one finger on the correct answer under the problem and then match the problem number and letter in the column of answers on the right. If your students will not encounter this type of test, you can have them just circle the correct answer.

Fourth Quarterly Test Concepts

Q#	Lesson	Concept	Common Core Standard
1	112	Cross simplification	6.NS1, 6.EE1
2	118	Division of fractions	6.NS1
3	92, 121	Area of a triangle	6.G1
4	117	Multiplication of mixed numbers	6.RPR3c, 6.NS1
5	118	Division of fractions	6.NS1
6	17	Lowest common multiple	6.NS4
7	112	Cross simplification	6.NS1, 6.EE1
8	133	Expected numbers based on ratios	6.RPR3c, 6.EE2a, 6.EE2b, 6.EE2c, 6.EE3, 6.EE4, 6.EE5, 6.EE6, 6.EE7, 6.EE9
9	127	Calculation of percents in word problems	6.RPR3
10	114	Equivalent expressions	6.EE2a, 6.EE2b, 6.EE2c, 6.EE3, 6.EE4, 6.EE5, 6.EE6, 6.EE7
11	132	2-digit decimal divisor into a 3-digit dividend	6.NS3
12	130	Addition of positive and negative integers	6.NS1, 6.NS2a, 6.NS2c, 6.NS7a, 6.NS7b, 6.NS7c, 6.NS7d
13	71	Percents of money amounts	6.RPR3, 6.NS3
14	21	2-D figures: pentagon	6.G3
15	76	Area of a rectangle given coordinate points	6.G3
16	80	Graphing coordinates in all four quadrants	6.G3
17	77	Exponents	6.EE1, 6.EE2a, 6.EE2b, 6.EE2c, 6.EE3, 6.EE4
18	122	Multiplication: 3 digit x 3 digit decimals	6.NS3
19	55	Averages	6.SP1, 6.SP2, 6.SP3, 6.SP5c
20	96	Working backward in solving word problems	6.RPR3b, 6.NS2, 6.EE2a, 6.EE2b, 6.EE2c, 6.EE5, 6.EE6, 6.EE7, 6.EE9; MP 1 – 8

MP = Mathematical Practices

Mark the correct answer in the column on the right.

11. $-9 + +4 =$

A B C D

12. $6.3 \overline{) 445}$

A $74 \text{ r}4$ B $72 \text{ r}2$ C $73 \text{ r}3$ D not given

13. What is 56% of \$3.50?

A \$1.75 B \$1.96 C 2.05 D \$2.10

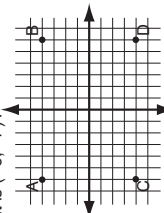
14. A pentagon has _____ vertices.

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.
$$\begin{array}{r} 897 \\ \times 368 \\ \hline \end{array}$$

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

Mark the correct answer in the column on the right.

1. $\frac{2}{9} \div \frac{4}{12} =$

A $\frac{1}{3}$ B $\frac{24}{13}$ C $\frac{2}{3}$ D $\frac{2}{27}$

2. 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

3. 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

4. What is the lowest common multiple of 3 and 5?

A 8 B 9 C 15 D 30

5. $3 \div \frac{1}{9} =$

A $\frac{1}{27}$ B 27 C $\frac{3}{9}$ D 3

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

A 43 B 2 C 86 D 46

7. 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%

8. Which of the following expressions is equivalent to $3n$?

A $n + n$ B $n + n + n$ C $n + n - n$ D $4n \div 2$