

acadience®math

Computation Concepts and Applications

Grade 5 | Benchmark 1

Student Worksheets

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Grade 5 / Benchmark 1

Name: _____ Student ID: _____

Teacher: _____ School: _____ School Year: _____

**Acadience® Math / Computation Grade 5
Benchmark 1 / Form A**

Total: _____

1. $\begin{array}{r} 6787 \\ +1218 \\ \hline \end{array}$	2. $\begin{array}{r} 130 \\ \times 21 \\ \hline \end{array}$	3. $5\frac{4}{6} - 2\frac{1}{2} =$	4. $\begin{array}{r} 725 \\ \times 85 \\ \hline \end{array}$
5. $86 \overline{)6536}$	6. $9 \overline{)816}$	7. $5\frac{2}{4} - 1\frac{1}{4} =$	8. $\frac{1}{4} + \frac{2}{4} =$
9. $\begin{array}{r} 7118 \\ - 589 \\ \hline \end{array}$	10. $\begin{array}{r} 374 \\ \times 6 \\ \hline \end{array}$	11. $23 \overline{)575}$	12. $\frac{6}{10} + \frac{3}{8} =$
13. $34 \overline{)1700}$	14. $\begin{array}{r} 893 \\ \times 11 \\ \hline \end{array}$	15. $6\frac{1}{2} + 3\frac{8}{9} =$	16. $\begin{array}{r} 529 \\ \times 82 \\ \hline \end{array}$

**Acadience® Math / Computation Grade 5
Benchmark 1 / Form B**

Total: _____

1. $\begin{array}{r} 4264 \\ +1978 \\ \hline \end{array}$	2. $\begin{array}{r} 674 \\ \times 11 \\ \hline \end{array}$	3. $7\frac{4}{7} - 3\frac{1}{2} =$	4. $\begin{array}{r} 968 \\ \times 54 \\ \hline \end{array}$
5. $54 \overline{)4536}$	6. $2 \overline{)891}$	7. $5\frac{2}{5} + 1\frac{2}{5} =$	8. $\frac{8}{10} - \frac{6}{10} =$
9. $\begin{array}{r} 8640 \\ - 864 \\ \hline \end{array}$	10. $\begin{array}{r} 892 \\ \times 6 \\ \hline \end{array}$	11. $58 \overline{)696}$	12. $\frac{1}{9} + \frac{7}{12} =$
13. $69 \overline{)3450}$	14. $\begin{array}{r} 583 \\ \times 10 \\ \hline \end{array}$	15. $8\frac{2}{4} - 2\frac{3}{5} =$	16. $\begin{array}{r} 356 \\ \times 45 \\ \hline \end{array}$

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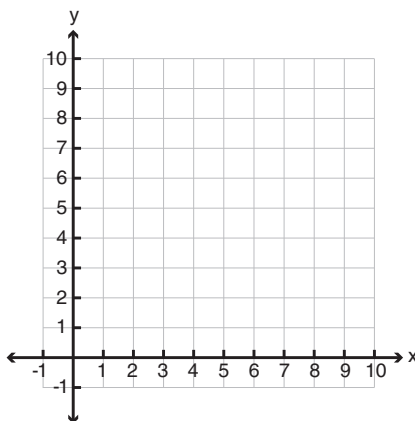
Total: _____

1. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
8.160		8.167
2.875		2.871
9.940		9.949

2. **Plot** the following ordered pairs on the coordinate plane and **label each pair** with the correct letter.

- A. (8, 6)
- B. (3, 1)
- C. (8, 3)
- D. (6, 3)



3. Solve:

$$4 \times (8 - 6) + 4 =$$

4. Pablo made pancakes. He used 9 cups of milk, 9 cups of buttermilk, and 6 cups of water. How many quarts of liquid did he use, if 1 quart = 4 cups? _____ quarts of liquid.

5. Carolina is baking a chocolate cake. She needs $\frac{1}{8}$ cup of brown sugar and $\frac{2}{3}$ cup of cocoa powder. How many total cups of the ingredients does she need? _____ cup(s).

6. Round...

Number	...to the nearest tenth	...to the nearest hundredth	...to the nearest thousandth
7.4782			
6.4356			

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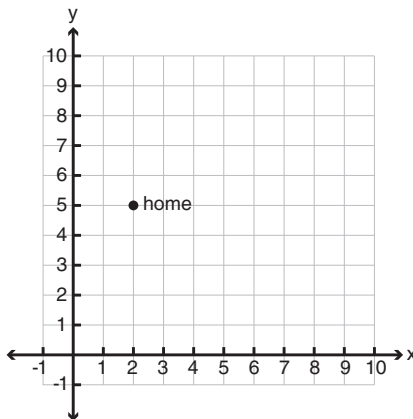
7. Your home is represented by the ordered pair (2, 5).

Go up 3 units to the mailbox.

Go right 4 units to your neighbors' house.

Go down 4 units to your friend's house.

What ordered pair on the coordinate plane represents your friend's house? (____, ____)

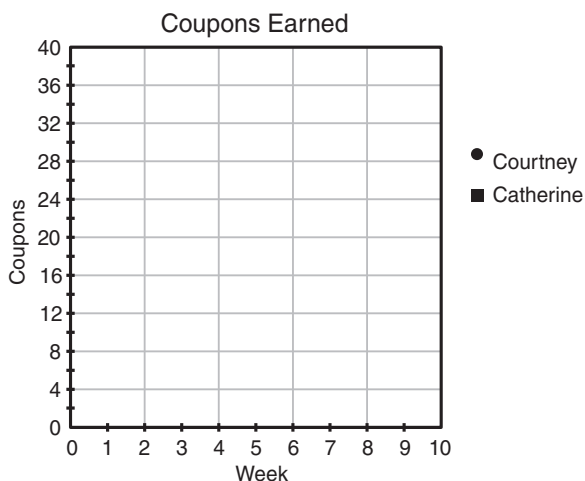


8. Courtney and Catherine each earned coupons for having good behavior at school.

A. Complete the table that represents the number of coupons each has earned:

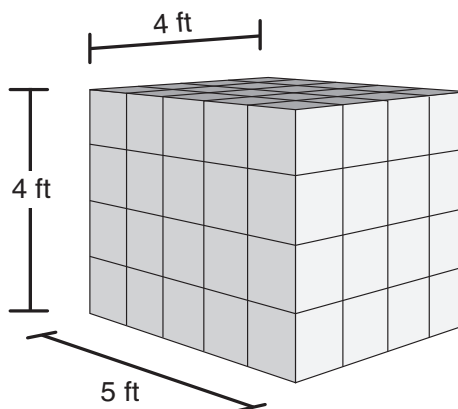
Week	Total Coupons Courtney Earned	Total Coupons Catherine Earned
1	3	5
2	6	10
3	9	15
4	12	20
5		
6		
7		
8		

B. Plot the points on the coordinate plane and make a line graph for each person:



9. Determine the volume of the shape.

_____ ft³.



10. $\frac{1}{3}$ of the kids at April's birthday party are wearing party hats. $\frac{1}{8}$ of the hats are red. What fraction of the kids at the party are wearing red hats? _____ are wearing red hats.

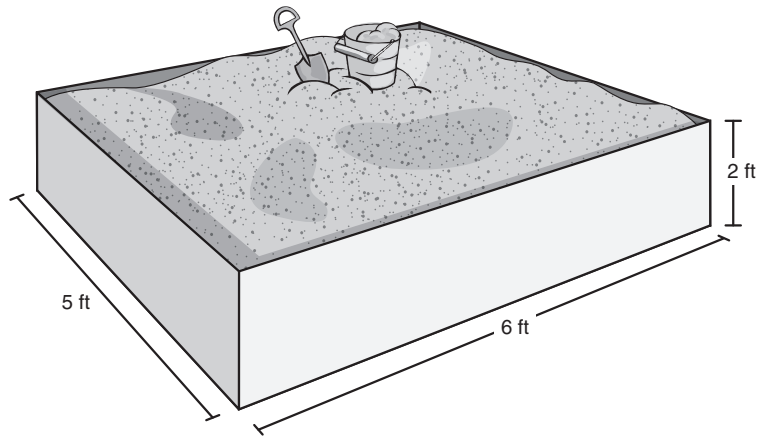
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11. For lunch, Jake bought a piece of pizza for \$1.79 and an orange juice for \$1.29. He paid with a \$5 bill. How much change did he get back? \$ _____

12. Write the part of this problem you would solve first in order to get to the correct answer: _____

$$6 \times (2 + 4) + 7 = 43$$

13. The sandbox is 5 feet long, 6 feet wide, and 2 feet deep. What is the volume of the sandbox?
_____ ft³.



14. Your teacher has 36 slices of cake. The slices are divided equally among 10 children. How many slices of cake does each student get? Write your answer as a decimal. _____ slices of cake.

15. In the space provided, write out the full equation using the correct order of operations:

Divide 8 by 2, then add 4: _____ = 8

16. How many pounds of beans would each person get if 4 people shared $\frac{1}{4}$ of a pound of beans equally?
_____ of a pound of beans.