

Summer Assignment for students entering 6th grade in the Fall of 2019

Please complete each problem showing your work on a separate piece of paper and attach it in order to this page. Work should be numbered and in order with your name at the top of each page. This will be the first assignment for the 2019-2020 school year and will be due on the first day of school.

Name _____

Pre-Course

Pre-Course Test

Estimate the quotient.

1. $59 \div 5$ 2. $78 \div 8$ 3. $101 \div 4$
4. Your school's science club is making gift baskets to sell. The club has 350 individually wrapped soaps to put into the gift baskets. The club wants to put 3 soaps in each gift basket. How many gift baskets can the club make?

Divide.

5. $322 \div 14$ 6. $247 \div 19$ 7. $154 \div 22$

Add or subtract.

8. $2.3 + 3.4$ 9. $5.8 - 2.1$
10. $4.2 - 1.9$ 11. $\frac{3}{4} - \frac{1}{3}$
12. $\frac{3}{8} + \frac{7}{8}$ 13. $\frac{4}{9} + \frac{5}{6}$

Estimate the sum or difference to the nearest whole number.

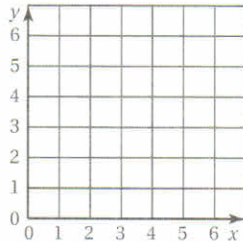
14. $3.17 - 1.8$ 15. $5.23 + 6.8$ 16. $8.14 + 7.25$

Complete the statement with $<$, $>$, or $=$.

17. 1.007 _____ 1.004 18. 3.052 _____ 3.055
19. 4.61 _____ 0.461 20. 5.750 _____ 5.75
21. 7.34 _____ 7.734 22. 9.976 _____ 9.76

Plot the ordered pair in the coordinate plane.

23. $(2, 5)$ 24. $(6, 1)$ 25. $(0, 4)$

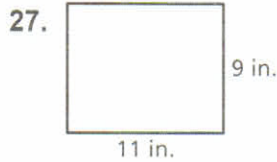
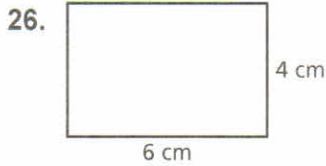


Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. See left.
18. See left.
19. See left.
20. See left.
21. See left.
22. See left.
23. See left.
24. See left.
25. See left.

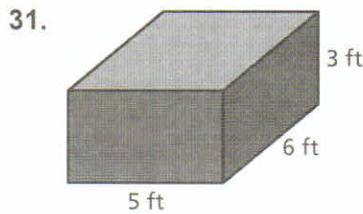
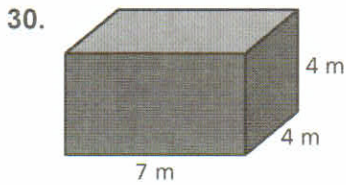
Pre-Course **Pre-Course Test (continued)**

Find the area of the rectangle.



28. Your house is 1030 meters from school. Your friend's house is 1.5 kilometers from school. Whose house is farther from school?
29. How many vertices does a cube have?

Find the volume of the rectangular prism.



Tell whether the number is *prime* or *composite*.

32. 532 33. 87 34. 41

Multiply or divide.

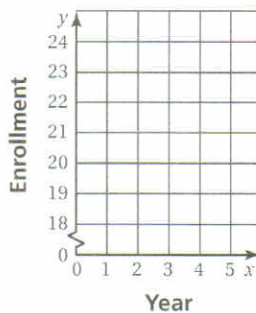
35. 16×9 36. 20×17 37. $135 \div 9$

Simplify the expression.

38. $15 - 4 \times 3$ 39. $2 \times (8 + 7)$ 40. $(9 + 9) + 7 \times 2$

41. The data show a class enrollment over a five-year period. Make a line graph to represent the data.

| | | | | | |
|-------------------------|----|----|----|----|----|
| Year | 1 | 2 | 3 | 4 | 5 |
| Class Enrollment | 22 | 24 | 23 | 20 | 19 |



Answers

26. _____
 27. _____
 28. _____
 29. _____
 30. _____
 31. _____
 32. _____
 33. _____
 34. _____
 35. _____
 36. _____
 37. _____
 38. _____
 39. _____
 40. _____
 41. See left.