

math

5th to 6th Grade Summer Packet 2018

Please complete this packet and bring it to turn in on the first day of school in September. Use a pencil, show all work, and record answers on the lines provided.

Extra copies are available on the Middle School's website or in the Middle School office.

The logo features the words "MATH" and "ROCKS" stacked vertically. "MATH" is written in a bold, yellow, sans-serif font with a black outline. "ROCKS" is written in a white, sans-serif font with a black outline, appearing to be drawn with a marker or chalk. The text is slanted slightly to the right.

Pre-Course **6th Grade Summer Packet**

Show ALL work

Estimate the quotient to the nearest whole number.

Answers

1. $59 \div 5$ 2. $78 \div 8$ 3. $101 \div 4$

1. _____

2. _____

3. _____

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?

4. _____

Divide.

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

5. _____

6. _____

7. _____

Add or subtract.

8. $2.3 + 3.4$ 9. $5.8 - 2.1$

8. _____

9. _____

10. $4.2 - 1.9$

11. $\frac{3}{4} - \frac{1}{3}$

10. _____

11. _____

12. $\frac{3}{8} + \frac{7}{8}$

13. $\frac{4}{9} + \frac{5}{6}$

Answers

12. _____

13. _____

Estimate the sum or difference to the nearest whole number.

14. $3.17 - 1.8$

15. $5.23 + 6.8$

16. $8.14 + 7.25$

14. _____

15. _____

16. _____

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

17. See left.

18. See left.

19. See left.

20. See left.

21. See left.

22. See left.

Plot the ordered pair in the coordinate plane.

23. $(2, 5)$

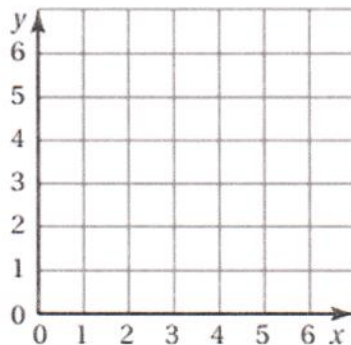
24. $(6, 1)$

25. $(0, 4)$

23. See left.

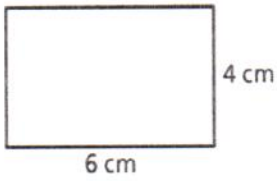
24. See left.

25. See left.

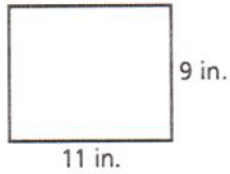


Find the area of the rectangle.

26.



27.



Answers

26. _____

27. _____

28. _____

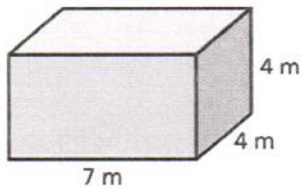
28. Your house is 1030 meters from school. Your friend's house is 1.5 kilometers from school. Whose house is farther from school?

29. _____

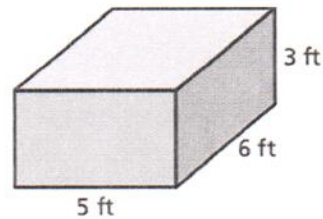
29. How many vertices does a cube have?

Find the volume of the rectangular prism.

30.



31.



30. _____

31. _____

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

32. 532

33. 87

34. 41

32. _____

33. _____

34. _____

Multiply or divide.

35. 16×9

36. 20×17

37. $135 \div 9$

Answers

35. _____

36. _____

37. _____

Simplify the expression.

38. $15 - 4 \times 3$

39. $2 \times (8 + 7)$

40. $(9 + 9) + 7 \times 2$

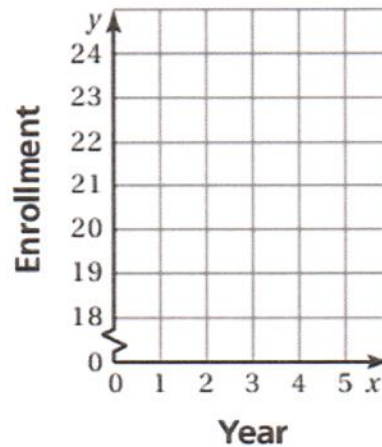
38. _____

39. _____

40. _____

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



41. See left.