Entering 6th grade Math

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1. Zack pitches for his baseball team twice a week. He throws an average of 78 pitches a game. How many pitches did he throw in three weeks?	2. Ryan earns $7.50 an hour doing yard work. If he works 12 hours a week during an 11 week summer break, how much money will he earn in all?	3. A highschool band of 100 musicians went on a trip to NY. They are staying in 3 hotels. Are the same number of musicians staying in each hotel?
4. Solve 90,000 - 5,877	5. Solve $91,371.26 - $76,278.75	6. Solve $181.44 $270.90 + $352.64
7. Solve 26311 X 390	8. Solve $65.29 X 107	9. Solve 78,260 ÷ 3 =
10. Solve 515,056 ÷ 9 =	11. Solve 19⟌175,492	12. Solve 17⟌$3485.34
13. Solve using Order of Operations 20 ÷ 4 + 3 X 6 =	14. Solve using Order of Operations 25 - 6 X 4 + (23 - 3) - 4 =	15. Solve using Order of Operations 3 + (37 - 1) ÷ 9 + (18 + 3) =

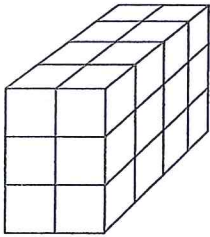|		
16. Write an equivalent fraction $\dfrac{3}{4} = \dfrac{}{12}$	17. List the equivalent fractions $\dfrac{4}{9} = \dfrac{8}{} = \dfrac{16}{} = \dfrac{}{54} = \dfrac{32}{} = \dfrac{36}{}$	18. List the equivalent fractions $\dfrac{3}{11} = \dfrac{}{22} = \dfrac{}{33} = \dfrac{12}{} = \dfrac{}{55} = \dfrac{21}{}$
19. Solve $\dfrac{2}{3} \div \dfrac{2}{15}$	20. Solve $1\dfrac{4}{7} \div 5\dfrac{1}{2} =$	21. Solve $\dfrac{7}{16} - \dfrac{1}{4} =$
22. Solve $7\dfrac{4}{5} - 2\dfrac{1}{2} =$	23. Solve $\dfrac{4}{5} \times \dfrac{3}{4} =$	24. Solve $7\dfrac{3}{10} \times 2\dfrac{1}{3} =$
25. Solve $\dfrac{2}{5} \div \dfrac{4}{15}$	26. Solve $6\dfrac{1}{3} \div \dfrac{2}{5} =$	27. Compare Write <,>,= $1\dfrac{3}{5} \times 10 \underline{\quad} 1\dfrac{1}{2} \times 12$
28. Frank lives $\dfrac{3}{10}$ miles from school. Michelle lives $2\dfrac{1}{3}$ times as far from School as Frank. How far does Michelle live from school?	29. John jogs on weekdays. If he jogs $4\dfrac{1}{10}$ miles on each of the 5 Days, what is his total distance per week?	30. Shawn caught a fish that weighed 5328 g. He cut it into 6 equal parts. How many kg did each part weigh?

31. Find the Perimeter

15.6 mm
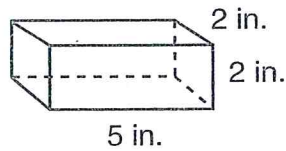
25.4 mm

32. Find the Area

6.4 km

4.9 km

33. Find the Area

6.1 mi
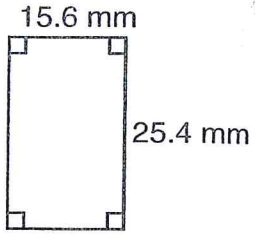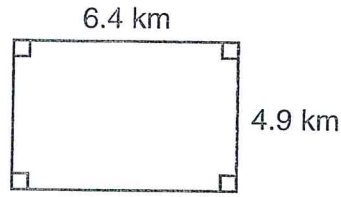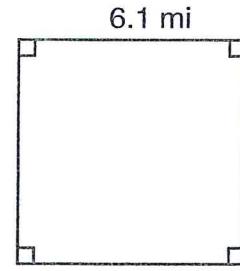
34. Find the Volume

35. Find the Volume

2 in.

2 in.

5 in.

36. Find the Volume

6 m

8 m

20 m
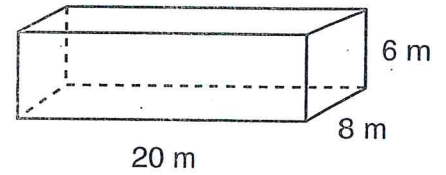
**Use the grid on the right for exercises 1–12.
Name the point for each set of coordinates.**

1. (⁻4, 4) _____
2. (2, 1) _____
3. (⁻4, ⁻3) _____
4. (3, ⁻3) _____
5. (1, 3) _____
6. (2, 2) _____
7. (⁻1, 3) _____
8. (5, 0) _____
9. (4, ⁻4) _____
10. (⁻2, 5) _____
11. (⁻5, 1) _____
12. (2, ⁻5) _____