

1. The area of a trapezoid is 91 dm^2 and the height is 14 dm. One of the bases has a length of 10 dm. Find the length of the other base.

1. Find the base of the isosceles triangle if its height is 12m, and the area is 48 m^2 ?

2. Estimate each quotient:

$$1,934 : 8 \approx \underline{\hspace{2cm}}$$

$$35,971 : 9 \approx \underline{\hspace{2cm}}$$

$$2,887 : 5 \approx \underline{\hspace{2cm}}$$

$$3,703 : 3 \approx \underline{\hspace{2cm}}$$

9. It takes five hours and nineteen minutes to drive from Philadelphia to Pittsburgh, Pennsylvania. If Kaitlin's dad left Pittsburgh at 7:32 A.M., what time would he arrive in Philadelphia?

10. Leo went on vacation starting August 18th. He came home on 17 days later. If August has 31 days, what day did Leo come home?

11. Do factor fireworks. Write math sentences using prime factors

a) 54 _____

b) 48 _____

12. Steven purchases a bowl. The diameter of the bowl is 14 cm. What is the circumference of the bowl?

13. Cynthia wants to buy a round photo frame for her brother. The radius of the photo frame is 9 cm. What is the photo frame's circumference?

14. The earth has a diameter of 7926.41 miles. What is the circumference of the earth? (This would be the distance you would have to walk, if you could walk around the equator.)

15. The spray from a spinning lawn sprinkler covers an area of 625π square feet. What is the radius of the circle covered by the lawn sprinkler?

14. What is the mean, median, mode and average of this set of numbers
7,3,10,11,2,8,1

15. Calculate:

$$8,073,823 : 5 =$$

$$7,324,277 : 4 =$$

$$31,161 : 9 =$$

$$35,971 : 2 =$$