1. Find the area and perimeter

a)

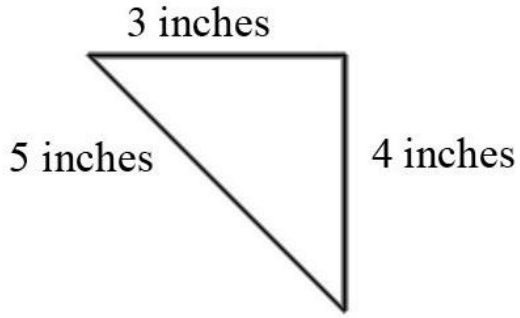
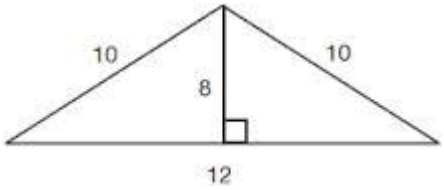
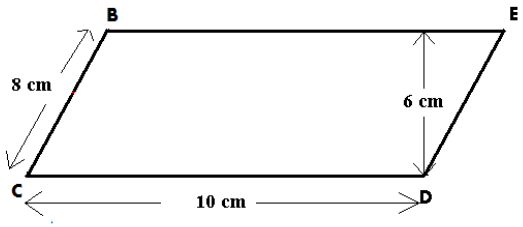


*image not drawn to scale

b)

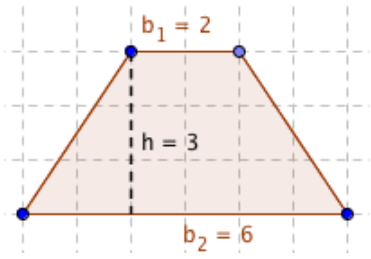


2. Find the area and perimeter



What is the area of parallelogram BCDE?

3. Find the area and perimeter



4. A rectangle has a width of 7 feet and a perimeter of 24 feet. What is the length and the area of the rectangle?

5. $8 \times (16+32) - 13 =$ 6. $7^2 + (8 \times 6) + 22 =$ 7. $14^2 - (56 : 7) + 32 =$

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

a) 81 _____

b) 56 _____

9.

Day	Laps Run
Mon.	37
Tue.	48
Wed.	72
Thu.	54
Fri.	59

a) What is the made of this data set?

b) What's the median number of laps run?

c) What is the average number of laps that week?

d) How many laps were run over the five days?

10. a) What's the sum of 48,509 and 3,782?

b) What's the subtraction of 48,509 from 3,782?

11. a) Round to the nearest ten thousand:

3,489,563 _____

b) Round to the nearest hundred thousand

567,489,624 _____

c) Round to the nearest thousand

458,984,789 _____

d) Round to the nearest tenth
45.678 _____
34.58 _____
428.708 _____

12. Bob read 13 books each month for a year. Over that same year, his sister read 27 books each month. How many more books must they read to reach their goal of 600 books combined?

13. John had 30 quarters. If he purchased a hamburger for $3.59 and a milk shake for $1.45, how much money did he have left?

14. Write all the factors of

a) 20 - _____

b) 36 - _____

c) 16 - _____

15.

99,465	345,567,783	36,489	456,927,354
- 5,897	- 56,789,986	+ 1,427	+ 23,461

16.

a) y= 5x + 14 x= 9 y=

b) y= $3x^2 + 23$ x= 12 y=

c) y= (234-200)x : 4 x= 2 y=

d) 3x + 3 (48:8) = y x=5 y=

17. If Andrea buys 24 juice boxes at $.38 and 15 bags of chips at $.99, what will be the total cost?

18. Multiply

a) 7 x 8729 = b) 92001 x 6 = c) 8 x 4010 =

c) 78 x 50 = d) 3805 x 47 = e) 72 x 8936 =

19. Estimate, then multiply

a) 39 x 58 =

b) 47 x 398 =

20. Multiply

a) 50,000 x 300 = b) 8,000 x 570 = c) 15,000 x 100 =

d) $4.57 x 2 = e) $3.00 x 0.5 f) $15.98 x 4 =

21. Convert decimals to fractions and vice versa:

a) .7 = b) .33 = c) .5 = d) 3.7 =

e) ½ = f) 1/10 = g) 25/100 = h) 12/1000 =

22.