

1.	Simplify	
30 -	$2 \cdot (2y+1) = \underline{\qquad}$	
30 -	$2 \cdot (2y - 1) =$	
2.	Fill in the missing numbers to complete the pattern:	
	5.40 6.00 6.60 7.30	
3.	Find all possible equivalent statements among the sta	tements below
	a. A is 40% of B.	
	b. A is 4 times smaller than B.	
	a = A = 250% of P	
	C. A IS 25% OI D.	
	d. A is 2 times smaller than B.	
	d. A is 2 times smaller than B.e. B is greater than A by 300%.	
	 d. A is 2 times smaller than B. e. B is greater than A by 300%. f. B is 2.5 times greater than A. 	
	 d. A is 2 times smaller than B. e. B is greater than A by 300%. f. B is 2.5 times greater than A. g. B is greater than A by 100% 	
	 d. A is 2 times smaller than B. e. B is greater than A by 300%. f. B is 2.5 times greater than A. g. B is greater than A by 100% h. A is smaller than B by 75%. 	
	 d. A is 2 times smaller than B. e. B is greater than A by 300%. f. B is 2.5 times greater than A. g. B is greater than A by 100% h. A is smaller than B by 75%. i. A is 50 % of B. 	

4. Solve the equation:

$$14 - \frac{1}{2\frac{1}{7}x} = 2$$





a+b	a + b
b * a	b * a

6. Find the missing numbers:



8. A cow is tethered to the corner of a rectangular shed. If the length of the rope is 15 feet, and the shed has length 10 feet and width 6 feet. Draw the shape of the field that is accessible to the cow and calculate the lengths of rope remaining after the cow turns corners.



9. Draw the segment AC = 6cm. Mark the point B in such a way that

a)
$$\frac{AC}{BC} = 1;$$
 6) $\frac{AC}{BC} < 1;$ b) $\frac{AC}{BC} > 1;$ c) $\frac{AC}{BC} = 2.$

10. There are singers and dancers in our class. $\frac{1}{5}$ of all singers also dance and $\frac{1}{4}$ of all dancers also sing. Are there more singers or dancers in our class?

11. Simplify the following fraction:

a)
$$\frac{2 - \frac{1}{\frac{1}{2} + \frac{1}{4}}}{2 + \frac{1}{\frac{1}{2} + \frac{1}{4}}}$$

12. I have 120 candies and I gave 35% of my candies to a friend. How many candies do I have now?

13. In a department store, there was a sale offering 25% off on everything. What did I pay for the dress, if it's price before the sale was \$80? How much this dress would cost if an additional 30% discount could be applied?