

Solve the following equations:

1) $\frac{x+3}{4} = -5$

2) $\frac{x-5}{2} = 6$

3) $\frac{2}{3}x - \frac{4}{5} = \frac{5}{3}$

4) $-\frac{5}{4}x + \frac{7}{2} = -\frac{5}{2}$

5) Draw an example of an acute angle.

6) Draw an example of an obtuse angle.

7) Determine if the two expressions are equivalent. Explain, using math or English sentences, how you know.
 $4(3x + 5) - 8$ and $12x + 20$

8) Factor the expression below:

$$12x + 18$$

9) Explain, using complete sentences, how $x = 5$ is different from $x > 5$.

10) Graph the equation: $x \neq 1$.

