

Equation Test Study Guide: Math Monster

Name: _____

Period: _____

Solve the following equations. After you solve the equation, use your answer to find out what to draw on the monster on the other side of this page. Show all steps below. Work neatly! ☺

1.) $a - 6 = 17$ If $a = 23$, draw one big eye. If $a = 11$, draw two eyes.	2.) $-10 = k + 4$ If $k = 14$, do not draw eyebrow(s). If $k = -14$, draw eyebrow(s).	3.) $z - 17 = -5$ If $z = -22$, draw a big nose. If $z = 12$, draw a normal nose.
4.) $\frac{2}{7} = q + \frac{1}{2}$ If $q = \frac{1}{5}$, draw a sad mouth. If $q = \frac{-3}{14}$, draw a happy mouth.	5.) $2h = 18$ If $h = 16$, do not draw freckles. If $h = 9$, draw freckles.	6.) $-10t = -20$ If $t = -2$, don't give him a scar. If $t = 2$, give him a scar.
7.) $\frac{2}{3}g = 7$ If $g = 4\frac{2}{3}$, draw dimples. If $g = 10\frac{1}{2}$, do not draw dimples.	8.) $\frac{n}{5} = -7$ If $n = -35$, do not draw eyelashes. If $n = 35$, draw eyelashes.	9.) $3v + 9 = 15$ If $v = 2$, draw a mustache. If $v = -6$, do not draw a mustache.
10.) $7b + 5 = -30$ If $b = 5$, do not draw bloodshot eyes. If $b = -5$, draw bloodshot eyes.	11.) $17 = 7k - 4$ If $k = \frac{13}{7}$, do not draw a beard. If $k = 3$, draw a beard.	12.) $\frac{3}{4}x + 1 = 5$ If $x = \frac{16}{3}$, write a joke in the bubble. If $x = 8$, write a question in the bubble.
13.) $8t - 2t = -60$ If $t = 10$, draw some teeth. If $t = -10$, do not draw teeth.	14.) $4v - 7v = 18$ If $v = 6$, draw a lip ring. If $v = -6$, draw a nose ring.	15.) $2(x - 9) = -10$ If $x = 4$, color your picture. If $x = -\frac{1}{2}$, do not color your picture.

