

Pre-Algebra Readiness – Skills Practice

- 15) Graph the inequality " $x < -3$ " on a number line:



- 16) Write an inequality statement that matches the graph below:



- 17) Translate "45 more than the product of 10 and a number K "
- 18) Translate "17 less than the quotient of A and B "
- 19) Translate "The difference of Z and 35 is not more than 2."
- 20) Translate "If you take a number M and decrease it by 40, the result is -11."

- 21) Solve the following equations. **SHOW ALL WORK!**

a) $x + 3.5 = 9.2$

e) $x + 32 = -21$

b) $20 = x + 45$

f) $-3.2 = x + 4.7$

c) $-4x = 22$

g) $\frac{y}{5} = -3.5$

d) $-12.4 = -2x$

h) $85 = x + -32$

- 22) Convert the following measurements:

a) 400 mL = _____ L

e) 42 ft = _____ yd

b) 3.6 Kg = _____ g

f) 8 lb = _____ oz

c) 1,880 cm = _____ m

g) 23 gal = _____ qt

d) 0.4 Km = _____ mm

h) 7 hr = _____ min

- 23) Find the mean, median, mode, and range of the following list:

21, 30, 9, 11, 14, 30, 20, 38, 3, 20

Mean:

Mode:

Median:

Range:

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K Morrison



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