1) What is the <u>range</u> of the following data set:

24, 56,78,88,88,90,95,110 $110 - 24 = 86$

2) What is the addition equation for the number line?

$(-3) + (+5) = +2$

3) Represent the subtraction equation with counters: (-5) - (+1). -6

4) $(+8) + (+2) = +10$

5) $70 \div 7$ 10

6) 34×0.5 17

7) What is the median for the data set : 3,4,7,7,8,11 7

8) What number is divisible by 4? a) 214 b)740 c) 606

9) What number is divisible by 6? a)214 b)226 c)332
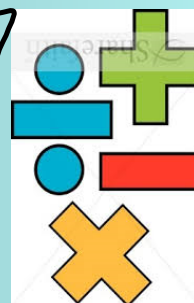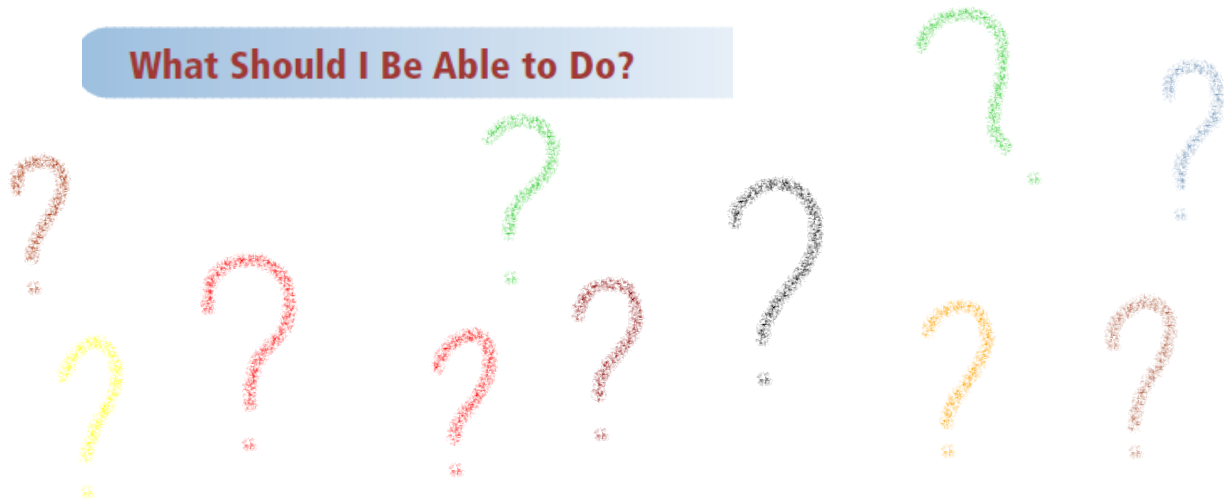
10)1/4 of 16 4

7 10 8

What Should I Be Able to Do?

Write each fraction as a decimal.
Identify each decimal as
terminating or repeating.

a) $\frac{3}{5}$ b) $\frac{5}{6}$ c) $\frac{3}{8}$ d) $\frac{3}{20}$

c) $0.8 = \dfrac{8}{10}\begin{smallmatrix}\div 2\\\div 2\end{smallmatrix} = \dfrac{4}{5}$

Write each decimal as a fraction or a mixed number in simplest form.

a) 0.55   b) $1.\overline{3}$
c) 0.8   d) $0.\overline{07}$

$0.55 = \dfrac{55}{100}\begin{smallmatrix}\div 5\\\div 5\end{smallmatrix} = \dfrac{11}{20}\checkmark$

$1.\overline{3} = 1\dfrac{3}{9}\begin{smallmatrix}\div 3\\\div 3\end{smallmatrix} = 1\dfrac{1}{3}$
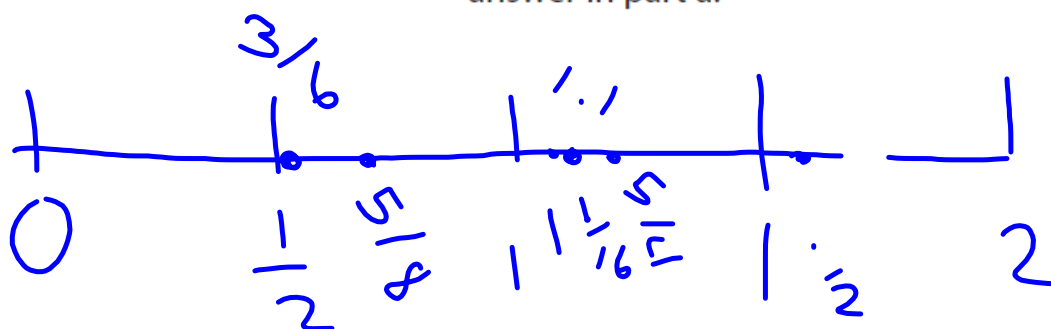
d) $0.\overline{07} = \dfrac{7}{99}$

Use any method. Order these
numbers from least to greatest.
Explain the method you used.

$\frac{5}{4}$, $1\frac{1}{16}$, $\frac{3}{6}$, 1.1, $\frac{5}{8}$

Use a different method to order
the numbers, to verify your
answer in part a.

In each ordered set, identify the
number that has been placed
incorrectly. Explain how you know.

a) $2\frac{1}{3}, 2.25, \frac{17}{6}, 2\frac{11}{12}$

b) $\frac{3}{5}, \frac{9}{10}, \frac{21}{20}, 1\frac{3}{15}, 1.1$