

1) What is the range of the following data set:

18,56,78,88,88,90,95,97

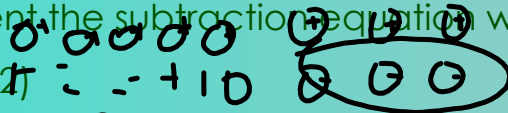
$$97 - 18 = 79$$

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



$$(+4) + (-2)$$

3) Represent the subtraction equation with counters: $(+5) - (-3)$



4) $(+8) - (-2)$



5) $56 \div 8$

$$= 7$$

6) 22×0.5

$$= 11$$

7) What is the median for the data set : 3, 6, 7, 8, 8, 9



$$7 + 8 = 15 \div 2 = 7.5$$

8) What number is divisible by 3? a) 310 b) 618 c) 608



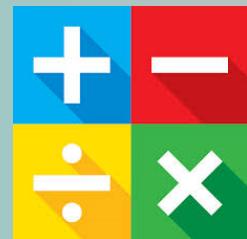
9) What number is divisible by 4? a) 932 b) 342 c) 502



10) $1/4$ of 12

3

$$12 \div 4 =$$



Order the decimals from least to greatest:

~~2.327~~

~~2.36~~ →

2.4

2.3

~~2.32~~

L to G

2.300
2.320
2.327
2.36
2.4

Order the decimals from least to greatest:

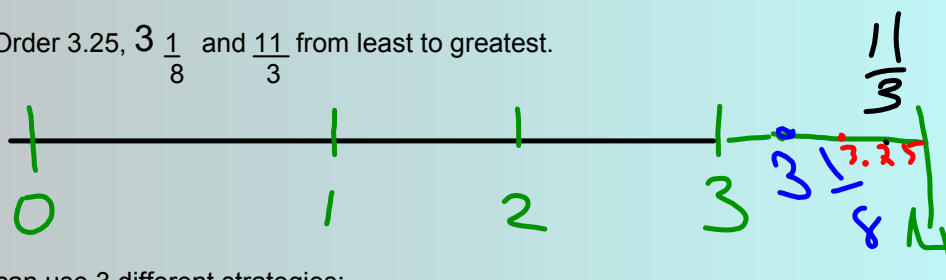
~~3.00~~ ~~2.75~~ ~~2.00~~ 2.750

3.60 ~~2.75~~ ~~2.5~~

2.125 2.400

2.5

Order 3.25, $3\frac{1}{8}$ and $\frac{11}{3}$ from least to greatest.



You can use 3 different strategies:

- 1) Use a number line
- 2) Change them all to decimals
- 3) Change them all to fractions WITH common denominators



$$3.25 = 3\frac{25}{100} = \frac{11}{3} = 3\frac{2}{3}$$

Can you find a number between these 2 fractions?

$\frac{3}{5}$ and $\frac{4}{5}$

Fraction

$$\frac{3 \times 2}{5 \times 2} = \frac{6}{10}$$

$$\frac{4 \times 2}{5 \times 2} = \frac{8}{10}$$

$$\frac{7}{10}$$



Decimal

$$\frac{3}{5} = 0.6$$

$$\frac{4}{5} = 0.8$$

a) $\frac{4}{3}, \frac{5}{3}$



Fraction

$$\frac{4 \times 2}{3 \times 2} = \frac{8}{6}$$

$$\frac{5 \times 2}{3 \times 2} = \frac{10}{6}$$

$$\frac{9}{6}$$

Decimal

$$\frac{4}{3} = 1.\overline{3}$$

$$\frac{5}{3} = 1.\overline{6}$$

b) $2\frac{3}{8}, \frac{5}{2}$



Fraction

$$2\frac{3}{8} = 2\frac{3 \times 2}{8 \times 2} = 2\frac{6}{16}$$

$$\frac{5 \times 4}{2 \times 4} = \frac{20}{8} = 2\frac{4 \times 2}{8 \times 2} = 2\frac{8}{16}$$

$$\textcircled{2\frac{7}{16}}$$

c) $1.4, \frac{8}{5}$



3. Use benchmarks and a number line to order each set of numbers from least to greatest.

a) $\frac{7}{6}, \frac{15}{12}, 1\frac{2}{9}, 1$

b) $1\frac{3}{4}, \frac{7}{3}, \frac{7}{6}, 2$

c) $\frac{7}{4}, \frac{15}{10}, \frac{11}{5}, 2$

d) $\frac{10}{4}, 2\frac{1}{3}, \frac{9}{2}, 3$

4. Use equivalent fractions.

Order each set of numbers from greatest to least.

Verify by writing each fraction as a decimal.

a) $3\frac{1}{2}, \frac{13}{4}, 3\frac{1}{8}$

b) $\frac{5}{6}, \frac{2}{3}, 1\frac{1}{12}, \frac{9}{12}$

c) $1\frac{2}{5}, \frac{4}{3}, \frac{3}{2}$

5. Use place value.

Order each set of numbers from least to greatest.

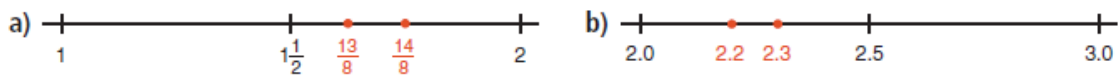
Verify by using a number line.

a) $\frac{7}{4}, 1.6, 1\frac{4}{5}, 1.25, 1$

b) $2\frac{5}{8}, 1.875, 2\frac{3}{4}, \frac{5}{2}, 2$

1 2
5 12
4
3 14
2 12

7. Find a number between the two numbers represented by each pair of dots.



8. Find a number between each pair of numbers.

- a) $\frac{5}{7}, \frac{6}{7}$ b) $1\frac{2}{5}, \frac{8}{5}$ c) $1.3, 1\frac{2}{5}$ d) $0.5, 0.6$

9. Identify the number that has been placed incorrectly.

Explain how you know.



$$\frac{13}{8} \times 2 = \underline{\quad}$$

$$\frac{14}{8} \times 2 = \underline{\quad}$$

$$\frac{14}{8} \times 2 = \underline{\quad}$$

- 11. Assessment Focus** Amrita, Paul, and Corey baked pizzas for the fund-raising sale. The students cut their pizzas into different sized slices.



Amrita



Paul



Corey

Amrita sold $\frac{11}{6}$ pizzas. Paul sold 1.875 pizzas. Corey sold $\frac{9}{4}$ pizzas.

- Use a number line to order the numbers of pizzas sold from least to greatest.
- Who sold the most pizzas? The fewest pizzas?
- Use a different method. Verify your answers in part b.
- Alison sold $2\frac{1}{5}$ pizzas. Where does this fraction fit in part a?



