

## My Solution

$$1. \frac{1}{10} + \frac{2}{5} + \frac{1}{4} + \frac{1}{4} = 20 \text{ or } 1 \text{ whole}$$

$$(20) = 1 \text{ whole}$$

I got this because  $\frac{1}{10}$  of 20 is 2,  $\frac{2}{5}$  is 8 out of twenty because  $\frac{1}{5}$  would be 4 because  $5 \times 4$  is 20. At this point I have 10 or  $\frac{1}{2}$ . To make the other half I did  $\frac{1}{4}$  twice because  $5 \times 4 = 20$  so if you want 10 you get  $\frac{2}{4}$ . To get 20 you just add the two 10's.

$$\frac{3}{4} + \frac{2}{5} = 20 \text{ or } 1 \text{ whole}$$

I got this because  $\frac{3}{4}$  is equal to  $\frac{12}{20}$  because four goes into 12 three times, and goes into 20 four times.  $\frac{2}{5}$  is equivalent to  $\frac{8}{20}$  because  $8 \div 4 = 2$  and  $20 \div 4 = 5$  so the smallest fraction is  $\frac{2}{5}$

$$\frac{3}{10} + \frac{1}{5} + \frac{1}{2} = 20 \text{ or } 1 \text{ whole}$$

I got this because  $\frac{3}{10}$  is also equivalent to  $\frac{6}{20}$  with is 6 because the whole is 20.  $\frac{1}{5}$  is equivalent to  $\frac{4}{20}$  because  $1 \times 4 = 4$  and  $4 \times 5 = 20$  so  $\frac{4}{20}$  is 4 because the whole is 20.  $\frac{1}{2}$  is equivalent to  $\frac{10}{20}$  this is how you get it  $1 \times 10 = 10$  with is our numerator, and  $2 \times 10 = 20$ , with is our whole. So if we add those numbers up

$$\text{we have } 10 + 6 + 4 = 20$$

$$(24) = 1 \text{ whole}$$

$$2. \frac{1}{2} + \frac{2}{3} + \frac{1}{6} = 24 \text{ or } 1 \text{ whole}$$

I got this because an equivalent fraction for  $\frac{1}{2}$  with the denominator of 24 is  $\frac{12}{24}$ . If 1 whole is 24 the number  $\frac{1}{2}$  would make is 12.  $\frac{2}{3}$  is the same or is equivalent to  $\frac{16}{24}$  so the numerator since again will be a whole number. So far I have 22 because  $10 + 12 = 22$  so I need 2 more.  $\frac{1}{6}$  is equivalent to  $\frac{4}{24}$  so the numerator would be converted so now we have  $10 + 12 + 2 = 24$ . I was making equivalent fractions with a denominator of 24 because 24 is our whole and the denominator shows the whole we have.