

2, 5, 5, 6, 7 : mean = median = mode = range

① 4, 10, 10, 12, 14 : 10 = 10 = 10 = 10

② 8, 20, 20, 24, 28 : 20 = 20 = 20 = 20

③ 16, 40, 40, 48, 56 : 40 = 40 = 40 = 40

④ 32, 80, 80, 96, 112 : 80 = 80 = 80 = 80

⑤ 64, 160, 160, 192, 224 : 160 = 160 = 160 = 160

① mean $\rightarrow 4 + 10 + 10 + 12 + 14 = 50$

$$50 / 5 = 10$$

median \rightarrow ~~4~~, ~~12~~, 10, ~~12~~, ~~14~~

mode \rightarrow 4, 10, 10, 12, 14

Range \rightarrow 4, 10, 10, 12, 14

$$14 - 4 = 10$$

② mean $\rightarrow 8 + 20 + 20 + 24 + 28 = 100$

$$100 / 5 = 20$$

Median \rightarrow ~~8~~, ~~20~~, 20, ~~24~~, ~~28~~

mode \rightarrow 8, 20, 24, 28

Range \rightarrow 8, 20, 20, 24, 28
 $28 - 8 = 20$

③ mean $\rightarrow 16 + 40 + 40 + 48 + 56 = 200$
 $200 / 5 = 40$

median \rightarrow ~~16~~, ~~40~~, 40, ~~48~~, ~~56~~

mode \rightarrow 16, 40, 40, 48, 56

Range \rightarrow 16, 40, 40, 48, 56
 $56 - 16 = 40$

④ mean $\rightarrow 32 + 80 + 80 + 96 + 112 = 400$
 $400 / 5 = 80$

median \rightarrow ~~32~~, ~~80~~, 80, ~~96~~, ~~112~~

mode \rightarrow 32, 80, 80, 96, 112

$$\text{Range} \rightarrow \underline{32}, 80, 80, 112, \underline{112}$$

$$112 - 32 = 80$$

$$\textcircled{5} \text{ mean} \rightarrow 64 + 160 + 160 + 192 + 224 = 800$$

$$800 / 5 = 160$$

$$\text{median} \rightarrow \cancel{64}, \cancel{160}, \textcircled{160}, \cancel{192}, \cancel{224}$$

$$\text{mode} \rightarrow 64, \underline{160}, \underline{160}, 192, 224$$

$$\text{Range} \rightarrow \underline{64}, 160, 160, 192, \underline{224}$$

$$224 - 64 = 160$$

a) mode < median < mean

$$5, 5, 7, 11 : 5 < 6 < 7$$

b) mode < mean < median

$$1, 1, 5, 6, 7 : 1 < 4 < 5$$

a) mode < median < mean : 5, 5, 7, 11

$$5 < 6 < 7$$

$$5 \textcircled{5} 7, N \quad 5 + 7 = 12 \quad 12 \div 2 = 6$$

$$11 + 7 + 5 + 5 = 28 \quad 28 \div 4 = 7$$

b) mode < mean < median

1, 1, 5, 6, 7

$$1 + 1 + 5 + 6 + 7 = 20 \quad 20 \div 5 = 4.$$

~~x~~, ~~x~~, 5, ~~6~~, ~~7~~