

# MasterMath

Name \_\_\_\_\_

## Analyzing Data

Date \_\_\_\_\_

**Find the mean, median, mode and range. Which measure of Central Tendency best represents the data?**

1. 8, 12, 9, 14, 6

| mean | median | mode | range | best |
|------|--------|------|-------|------|
|      |        |      |       |      |

2. 25, 22, 31, 16, 38, 19

| mean | median | mode | range | best |
|------|--------|------|-------|------|
|      |        |      |       |      |

3. 64, 45, 76, 59, 199, 67

| mean | median | mode | range | best |
|------|--------|------|-------|------|
|      |        |      |       |      |

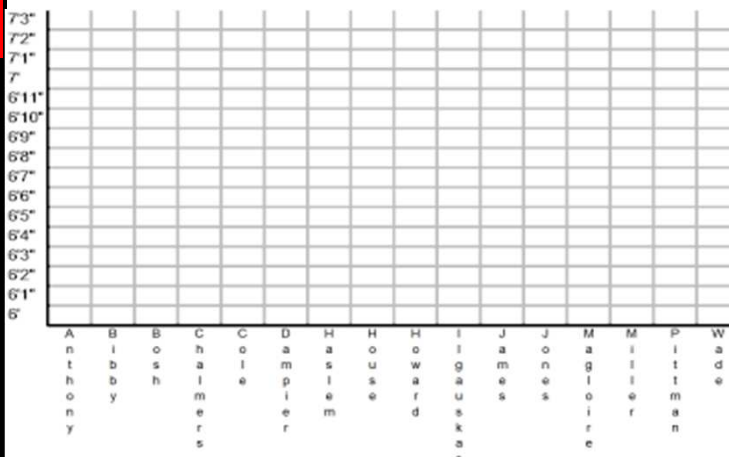
4. 1, 8, 4, 16, 12

| mean | median | mode | range | best |
|------|--------|------|-------|------|
|      |        |      |       |      |

**Make a Bar Graph representing the data. Draw a horizontal line across the bars showing your estimate of the Average.**

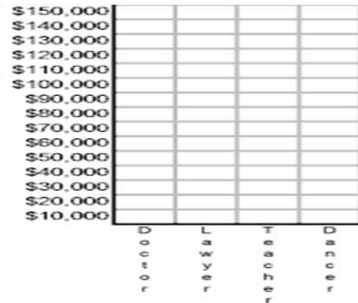
5.

| Miami Heat basketball player | Height |
|------------------------------|--------|
| Joel Anthony                 | 6'9"   |
| Mike Bibby                   | 6'2"   |
| Chris Bosh                   | 6'11"  |
| Mario Chalmers               | 6'2"   |
| Norris Cole                  | 6'2"   |
| Erick Dampier                | 6'11"  |
| Udonis Haslem                | 6'8"   |
| Eddie House                  | 6'1"   |
| Juwan Howard                 | 6'9"   |
| Zydrunas Ilgauskas           | 7'3"   |
| LeBron James                 | 6'8"   |
| James Jones                  | 6'8"   |
| Jamaal Magloire              | 6'11"  |
| Mike Miller                  | 6'8"   |
| Dexter Pittman               | 6'11"  |
| Dwyane Wade                  | 6'4"   |

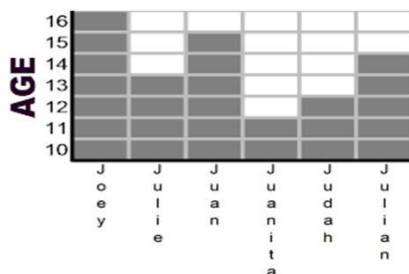


6.

| Occupation | doctor    | lawyer   | teacher  | dancer   |
|------------|-----------|----------|----------|----------|
| Income     | \$146,000 | \$96,000 | \$43,000 | \$24,000 |



7. Find the mean and median for the data described in this bar graph:



| Mean | Median |
|------|--------|
|      |        |