Name:_____

Math worksheet on *'Statistics - Solve for Mode - To Equation (Level 2)'*. Part of a broader unit on *'Probability and Statistics - Mean, Median, and Mode Intro'*

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**1** Choose the formula or guide for the mode of these numbers

5, 5, 6, 8

| a | b |
|---|---|
| $\dfrac{5+5+6+8}{4}$ | 5  5  6  8 $\quad\rightarrow\quad\leftarrow$ |
| c $\underline{5}\ \underline{5}\ 6\ 8$  $two\ 5s$ | d $\underline{5}\ 5\ 6\ \underline{8}$  $8-5$ |
| | |

**2** Choose the formula or guide for the mode of these numbers

11, 7, 12, 8, 10, 10

| a | 7  8  10  10  11  12 $\quad\rightarrow\rightarrow\qquad\leftarrow\ \leftarrow$ |
|---|---|
| b | 7  8  $\underline{10}$  $\underline{10}$  11  12  $two\ 10s$ |
| c | $\dfrac{11+7+12+8+10+10}{6}$ |
| d | $\underline{7}$  8  10  10  11  $\underline{12}$  $12-7$ |

**3** Choose the formula or guide for the mode of these numbers

13, 13, 14, 5, 12

| a | 5  12  13  13  14 $\quad\rightarrow\rightarrow\qquad\leftarrow\ \leftarrow$ | b | $\underline{5}$  12  13  13  $\underline{14}$  $14-5$ |
|---|---|---|---|
| c | 5  12  $\underline{13}$  $\underline{13}$  14  $two\ 13s$ | d | $\dfrac{13+13+14+5+12}{5}$ |
| | | | |

**4** Choose the formula or guide for the mode of these numbers

8, 10, 6, 12, 10

| a | 6  8  10  10  12 $\quad\rightarrow\rightarrow\qquad\leftarrow\ \leftarrow$ | b | $\dfrac{8+10+6+12+10}{5}$ |
|---|---|---|---|
| c | $\underline{6}$  8  10  10  $\underline{12}$  $12-6$ | d | 6  8  $\underline{10}$  $\underline{10}$  12  $two\ 10s$ |
| | | | |

**5** Choose the formula or guide for the mode of these numbers

8, 11, 13, 13

| a | $\underline{8}$  11  13  $\underline{13}$  $13-8$ | b | 8  11  $\underline{13}$  $\underline{13}$  $two\ 13s$ |
|---|---|---|---|
| c | 8  11  13  13 $\quad\rightarrow\qquad\leftarrow$ | d | $\dfrac{8+11+13+13}{4}$ |
| | | | |

**6** Choose the formula or guide for the mode of these numbers

5, 7, 5, 10

| a | $\underline{5}$  5  7  10 $\quad\rightarrow\qquad\leftarrow$ | b | $\underline{5}$  5  7  $\underline{10}$  $10-5$ |
|---|---|---|---|
| c | $\underline{5}$  $\underline{5}$  7  10  $two\ 5s$ | d | $\dfrac{5+7+5+10}{4}$ |
| | | | |

**7** Choose the formula or guide for the mode of these numbers

10, 10, 11, 6, 5, 13

| a | $\underline{5}$  6  10  10  11  $\underline{13}$  $13-5$ |
|---|---|
| b | 5  6  10  10  11  13 $\quad\rightarrow\rightarrow\qquad\leftarrow\ \leftarrow$ |
| c | 5  6  $\underline{10}$  $\underline{10}$  11  13  $two\ 10s$ |
| d | $\dfrac{10+10+11+6+5+13}{6}$ |

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