tutorified

Find the Median and Mode of the Data Set

1. Find the missing number in each of the following data sets.

   | 2, 2, 3, 4, 4, 5, 6, 25, 190, ____, 3, 50, 8, 9 | MODE = 4 |

   | 10, 11, 32, 45, 4, 5, 7, 7, 26, ____, 3, 5, 8 | MODE = 5 |

   | 1, 1, 2, 4, 4, 6, 8, 9, 68, ____, 36, 100, 8 | MODE = 8 |

2. Order each set of data from least to greatest. Then find the median and mode.

   | 1, 3, 5, 1, 89, 24, 6, 32, 5, 5 | Median: | Mode: |

   | 8, 7, 7, 8, 40, 62, 31, 7, 43 | Median: | Mode: |

   | 2, 5, 17, 49, 2, 4, 8, 17, 2, 5 | Median: | Mode: |

   | 5, 6, 3, 42, 7, 7, 10, 8, 5, 8, 7 | Median: | Mode: |

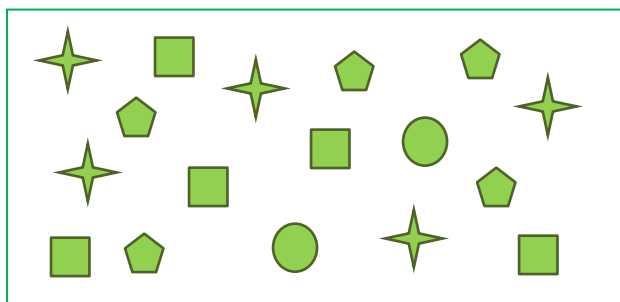 | 1, 30, 1, 4, 5, 3, 1, 1, 3, 5 | Median: | Mode: |

   | 12, 2, 5, 8, 10, 10, 4, 6, 10, 7 | Median: | Mode: |

3. From the shapes shown below, create a data set having the types and count of the shapes. Order data set from least to greatest and find the median and mode.
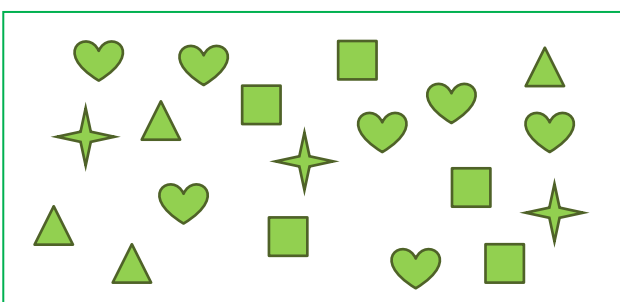
   a.

   Median:

   Mode:

   b.

   Median:

   Mode:

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1. Find the missing number in each of the following data sets.

   2, 2, 3, 4, 4, 5, 6, 25, 190, _4_, 3, 50, 8, 9   MODE = 4

   10, 11, 32, 45, 4, 5, 7, 7, 26, _5_, 3, 5, 8   MODE = 5

   1, 1, 2, 4, 4, 6, 8, 9, 68, _8_, 36, 100, 8   MODE = 8

2. Order each set of data from least to greatest. Then find the median and mode.

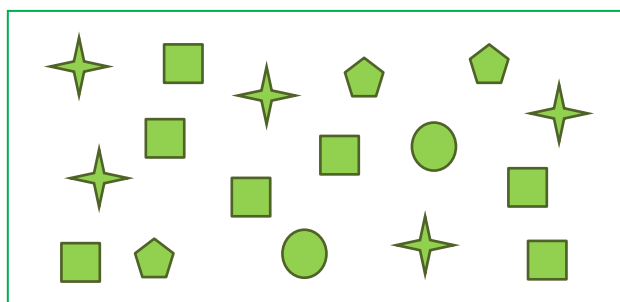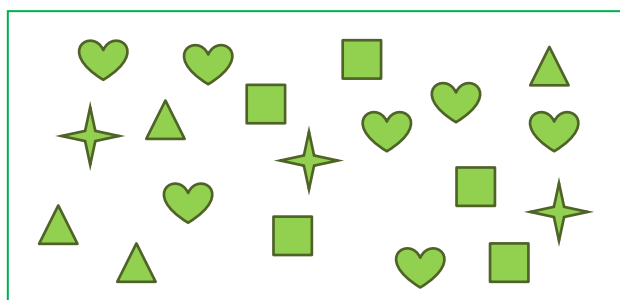 | Data | Median | Mode |
   |---|---|---|
   | 1, 3, 5, 1, 89, 24, 6, 32, 5, 5 | Median: 5 | Mode: 5 |
   | 8, 7, 7, 8, 40, 62, 31, 7, 43 | Median: 8 | Mode: 7 |
   | 2, 5, 17, 49, 2, 4, 8, 17, 2, 5 | Median: 5 | Mode: 2 |
   | 5, 6, 3, 42, 7, 7, 10, 8, 5, 8, 7 | Median: 7 | Mode: 7 |
   | 1, 30, 1, 4, 5, 3, 1, 1, 3, 5 | Median: 3 | Mode: 1 |
   | 12, 2, 5, 8, 10, 10, 4, 6, 10, 7 | Median: 7.5 | Mode: 10 |

3. From the shapes shown below, create a data set having the types and count of the shapes. Order data set from least to greatest and find the median and mode.

   a.

   Median: ✦

   Mode: ▪

   b.

   Median: ▪

   Mode: ♥