

Prerequisite Skills

Numeracy Skills

1. Order the numbers in each set from least to greatest.

a) $-1, 2, -3, 4, -5, 6, -7, 8$

b) $\frac{1}{11}, \frac{3}{11}, \frac{5}{11}, \frac{2}{11}, \frac{6}{11}, \frac{4}{11}, \frac{7}{11}$

c) $\frac{1}{2}, \frac{1}{10}, \frac{1}{4}, \frac{1}{6}, \frac{1}{8}, \frac{1}{3}$

d) $3.2, 4.8, 1.2, 3.6$

2. Evaluate. Round your answer to two decimal places, if necessary.

a) $\frac{3.2 + 4.7}{2}$

b) $\frac{9 + 4 + 3 + 8}{4}$

c) $\frac{11 + 13 + 31 + 26 + 8 + 15}{6}$

3. Evaluate. Round your answer to two decimal places, if necessary.

a) $\sqrt{225}$

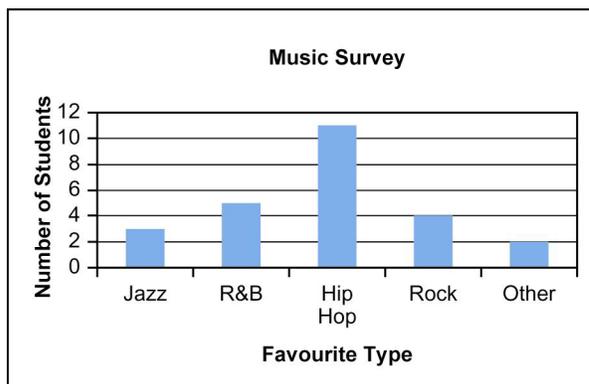
b) $\sqrt{315}$

c) $\sqrt{\frac{46}{7}}$

d) $\sqrt{\left(\frac{3}{2}\right)^2 + \left(\frac{4}{2}\right)^2}$

Interpret Graphs

4. Gerald surveyed the music preferences of the students in his music class and graphed the results.



- a) What type of graph is being used to display the data?

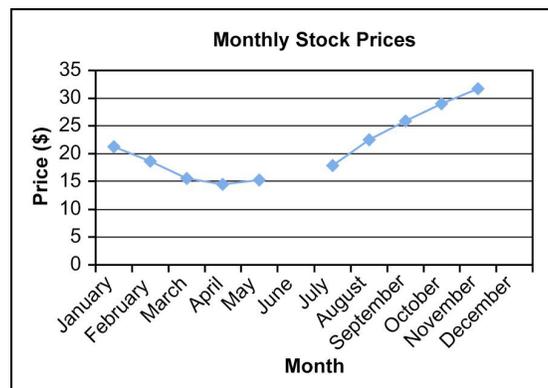
b) Is this a good choice? Explain.

c) Which type of music is most popular?

d) How many students were surveyed?

e) If the school's total population is 1250, should Gerald use the results of the survey to generalize the musical preferences of the students at the school?

5. The graph shows the price of a certain stock recorded on the 15th of each month for one year.



a) Identify the type of graph used to display the data.

b) There were two months where the 15th fell on a weekend, so no value is present. Use the graph to estimate the stock price for each of these months.