Name_____ Date _____
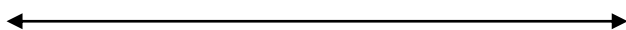
Working with Numbers in Our World

Hot or Cold?

The table shows the temperature in various cities on April 28, 2024.

1. Order the cities from least temperature to greatest temperature.

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2. Which three cities had the coldest temperatures?

3. Which two cities had the hottest temperatures?

City	Temperature
Acapulco	27.78°C
Atlanta	3.34°C
Boston	−1.11°C
Cartago	22.22°C
Edmonton	−3°C
Halifax	−1°C
New York City	4.4°C
Miami	16.67°C
Raleigh	7.77°C
Whitehorse	−15°C
Winnipeg	0.55°C

4. What city had a temperature closest to $0°C$?

5. What are two temperatures between the temperatures recorded in Atlanta and New York City?

6. What is one question you could ask based on the information recorded in the chart?

Working with Numbers in Our World (cont'd)

Ocean Research

An ocean research station has different-coloured sensors placed at different heights above and below sea level. The heights are shown in the table.

Sensor Colour	Height (yds)
Black	$-2\frac{7}{10}$
Blue	$2\frac{7}{10}$
Green	$-\frac{17}{10}$
Grey	$-3\frac{1}{10}$
Orange	$4\frac{1}{5}$
Purple	$-2\frac{4}{5}$
Red	$\frac{11}{10}$
White	$-1\frac{5}{10}$
Yellow	$1\frac{1}{2}$

1. Order the heights from least to greatest.

2. Which three sensors are at the deepest points below sea level?

3. Which two sensors are at the highest points above sea level?

4. Which sensor is closest to sea level?

5. If a new sensor was to be placed between the white and purple sensors, at what height could it be placed?

6. What is one question you could ask based on the information recorded in the chart?