

Rounding & Graphing Solutions

1. Rounding

Round to the nearest ten:

1) 89 2) 2673 3) 265
90 2670 270

Round to the nearest hundred:

1) 847 2) 2978 3) 5048
800 3000 5000

Round to the nearest thousand:

1) 14389 2) 29610 3) 3492
14000 30000 3000

Round to the nearest ten thousand:

1) 24987 2) 37096 3) 145302
20000 40000 150000

Round to the nearest tenth:

1) 12.642 2) 29.10 3) 2.492
12.6 29.1 2.5

Round to the nearest hundredth:

1) 23.987 2) 3.7096 3) 4.449
23.99 3.71 4.45

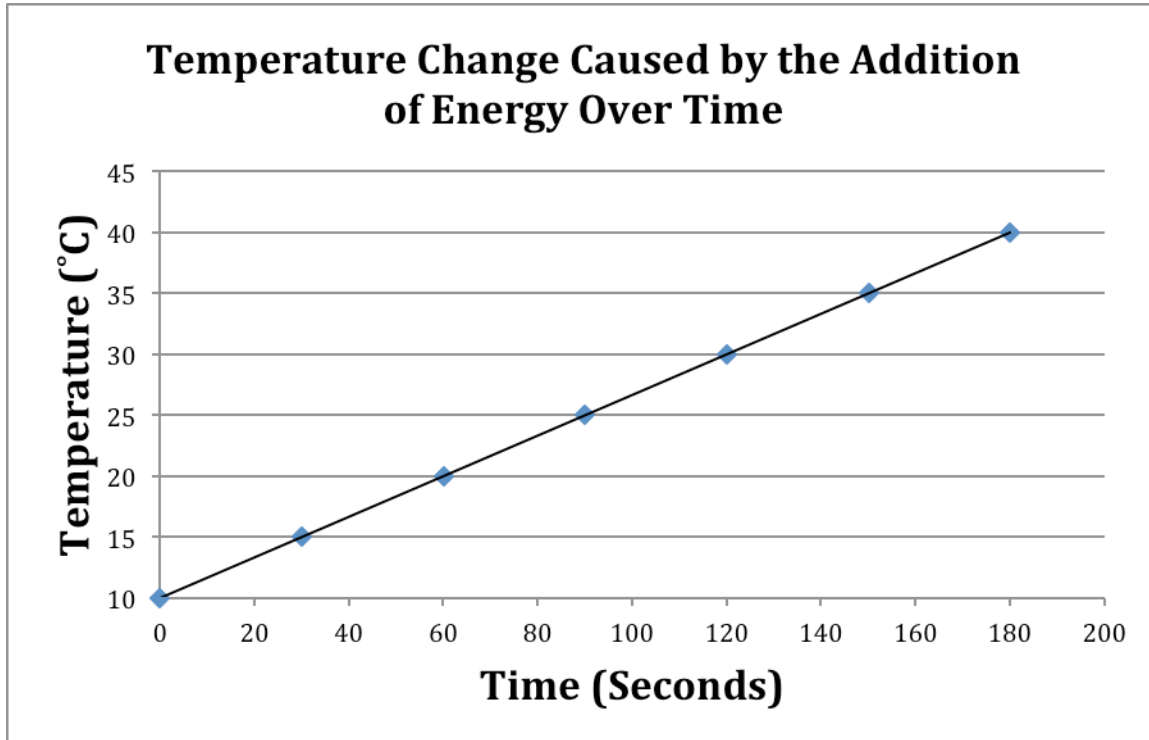
Round to the nearest thousandth:

1) 0.3265 2) 0.2673 3) 0.99989
0.327 0.267 1.000

Graphing Data Set

During a lab, a student heats a beak of water over a Bunsen Burner. During the process, she collected the water's temperature at regular time intervals. Her collected data is below. On the attached piece of graph paper, create an x-y line graph representing this data.

Time (sec)	0	30	60	90	120	150	180
Temperature (° Celsius)	10	15	20	25	30	35	40



1. Both axes start at lowest data point
2. Labels on both axes (including units)
3. Evenly spaced unit on axes
4. Points clearly plotted
5. Descriptive title
6. Graph takes up significant portion of the page
7. Time is on the x axis (independent variable)
8. Temperature is on the y axis (dependent variable)