

## Comparing Integers

Sheet 1

A) Circle the greatest integer.

1)  $-18$  ,  $50$  ,  $75$  ,  $-26$

2)  $-89$  ,  $10$  ,  $-66$  ,  $-14$

3)  $46$  ,  $-29$  ,  $-61$  ,  $64$

4)  $-93$  ,  $-37$  ,  $-4$  ,  $-78$

5)  $92$  ,  $57$  ,  $40$  ,  $32$

6)  $-42$  ,  $20$  ,  $45$  ,  $53$

B) Circle the smallest integer.

1)  $36$  ,  $9$  ,  $52$  ,  $25$

2)  $-83$  ,  $-41$  ,  $-98$  ,  $63$

3)  $23$  ,  $64$  ,  $-33$  ,  $49$

4)  $39$  ,  $-25$  ,  $56$  ,  $7$

5)  $-84$  ,  $-79$  ,  $34$  ,  $80$

6)  $-57$  ,  $-15$  ,  $-23$  ,  $-76$

C) Mary bought a share worth \$200 on Monday from a multinational company. The following data displays the changes in stock price of the company from Monday to Thursday.

| Day                             | Monday | Tuesday | Wednesday | Thursday |
|---------------------------------|--------|---------|-----------|----------|
| Change in stock price (dollars) | 15     | -77     | 89        | -120     |

1) Which day recorded the lowest gain in stock price? \_\_\_\_\_

2) What was the highest fall in stock price recorded between Monday and Thursday? \_\_\_\_\_

D) A group of students participated in a preliminary level of a spell bee contest. Misspelt words carried negative points. The scores of four students are depicted in the table below.

| Contestant     | David | Jennifer | Lisa | Mathew |
|----------------|-------|----------|------|--------|
| Score (points) | 34    | -12      | -1   | 40     |

1) Who scored the maximum points? \_\_\_\_\_

2) How many students scored negative points? \_\_\_\_\_

## Comparing Integers

Sheet 1

A) Circle the greatest integer.

- 1) -18 , 50 , **75** , -26                      2) -89 , **10** , -66 , -14
- 3) 46 , -29 , -61 , **64**                      4) -93 , -37 , **-4** , -78
- 5) **92** , 57 , 40 , 32                      6) -42 , 20 , 45 , **53**

B) Circle the smallest integer.

- 1) 36 , **9** , 52 , 25                      2) -83 , -41 , **-98** , 63
- 3) 23 , 64 , **-33** , 49                      4) 39 , **-25** , 56 , 7
- 5) **-84** , -79 , 34 , 80                      6) -57 , -15 , -23 , **-76**

C) Mary bought a share worth \$200 on Monday from a multinational company. The following data displays the changes in stock price of the company from Monday to Thursday.

| Day                             | Monday | Tuesday | Wednesday | Thursday |
|---------------------------------|--------|---------|-----------|----------|
| Change in stock price (dollars) | 15     | -77     | 89        | -120     |

- 1) Which day recorded the lowest gain in stock price? Monday
- 2) What was the highest fall in stock price recorded between Monday and Thursday? 120 dollars
- D) A group of students participated in a preliminary level of a spell bee contest. Misspelt words carried negative points. The scores of four students are depicted in the table below.

| Contestant     | David | Jennifer | Lisa | Mathew |
|----------------|-------|----------|------|--------|
| Score (points) | 34    | -12      | -1   | 40     |

- 1) Who scored the maximum points? Mathew
- 2) How many students scored negative points? 2 students

## Comparing Integers

A) Circle the greatest integer.

- |                         |                          |
|-------------------------|--------------------------|
| 1) 35 , -73 , -40 , -11 | 2) -27 , -89 , -14 , -63 |
| 3) 53 , 86 , -28 , -67  | 4) -75 , 0 , 22 , 48     |
| 5) -16 , -95 , 67 , 8   | 6) 94 , 55 , 61 , 32     |

B) Circle the smallest integer.

- |                  |     |
|------------------|-----|
| 1) 88 , 61 , 23  | -54 |
| 3) -11 , 38 , -9 | 75  |
| 5) 58 , -72 , 86 | -68 |

C) Janice weighs 167 pounds in January and records her change in weight in the following table.

| Month                  |
|------------------------|
| Gain and Loss (pounds) |

- 1) In which month did she gain the most weight?
- 2) How many pounds did she gain in that month period?

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eight. The following data is recorded in the table below.

|                           |       |
|---------------------------|-------|
| Month                     | April |
| Change in weight (pounds) | -5    |

D) The minimum average temperatures (degree centigrade) for Munich from January to April is recorded and tabulated below.

| Time             | January | February | March | April |
|------------------|---------|----------|-------|-------|
| Temperature (°C) | -4      | -3       | 0     | 3     |

- 1) List the months that recorded subzero temperatures. \_\_\_\_\_
- 2) Which month recorded the warmest temperature? \_\_\_\_\_

## Comparing Integers

Sheet 2

A) Circle the greatest integer.

1) **35** , -73 , -40 , -112) -27 , -89 , **-14** , -633) 53 , **86** , -28 , -674) -75 , 0 , 22 , **48**5) -16 , -95 , **67** , 86) **94** , 55 , 61 , 32

B) Circle the smallest integer.

1) 88 , 61 , **23** , 1**-54**

3) -11 , 38 , -9 , 1

75

5) 58 , **-72** , 86 , 1

-68

C) Janice weighs 167 pounds. Her weight records her change in weight.

eight. The following data

| Month                  |
|------------------------|
| Gain and Loss (pounds) |

|   |       |
|---|-------|
| h | April |
|   | -5    |

1) In which month did she gain weight?

**January**

2) How many pounds did she gain in that month period?

**20 pounds**

D) The minimum average temperatures (degree centigrade) for Munich from January to April is recorded and tabulated below.

| Time             | January | February | March | April |
|------------------|---------|----------|-------|-------|
| Temperature (°C) | -4      | -3       | 0     | 3     |

1) List the months that recorded subzero temperatures.

**January, February**

2) Which month recorded the warmest temperature?

**April**

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## Comparing Integers

Sheet 3

A) Circle the greatest integer.

1) 82 , -28 , -53 , 94

2) -32 , 15 , 69 , 81

3) -10 , -72 , 33 , -66

4) 74 , 46 , 27 , 58

5) 49 , 51 , -97 , -18

6) -65 , -90 , -2 , -17

B) Circle the smallest integer.

1) -63 , -54 , 35

-19

3) -87 , -70 , 28

-29

5) 65 , 92 , 12

-93

C) A submarine descends to a certain depth. The following data shows the various depths of the submarine in one day.

The following data shows the various depths of the submarine in one day.

|              |
|--------------|
| Time         |
| Depth (feet) |

|       |
|-------|
| 6p.m. |
| -111  |

1) At what time did the submarine reach its shallowest point?

2) How deep was the submarine at its shallowest point?

D) Peter collected the melting points of various elements from his Science book. The data below represents the elements and their respective melting points.

| Element            | Sulfur | Potassium | Chlorine | Radon |
|--------------------|--------|-----------|----------|-------|
| Melting point (°C) | 115    | 64        | -101     | -71   |

1) How many elements have positive melting points? \_\_\_\_\_

2) Which element recorded the highest melting point? \_\_\_\_\_

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**Comparing Integers**

A) Circle the greatest integer.

- 1) 82 , -28 , -53 , **94**
- 2) -32 , 15 , 69 , **81**
- 3) -10 , -72 , **33** , -66
- 4) **74** , 46 , 27 , 58
- 5) 49 , **51** , -97 , -18
- 6) -65 , -90 , **-2** , -17

B) Circle the smallest integer.

- 1) **-63** , -54 , 35
- 2) -19
- 3) **-87** , -70 , 28
- 4) **-29**
- 5) 65 , 92 , **12**
- 6) -93

C) A submarine descends to various depths below sea level. The following data shows the various depths.

|              |
|--------------|
| Time         |
| Depth (feet) |

The following data shows the various depths of a submarine in one day.

|       |
|-------|
| 6p.m. |
| -111  |

- 1) At what time did the submarine reach its shallowest point? **4p.m.**
- 2) How deep was the submarine at its shallowest point? **111 ft below sea level, no**

D) Peter collected the melting points of various elements from his Science book. The data below represents the elements and their respective melting points.

|                    |        |           |          |       |
|--------------------|--------|-----------|----------|-------|
| Element            | Sulfur | Potassium | Chlorine | Radon |
| Melting point (°C) | 115    | 64        | -101     | -71   |

- 1) How many elements have positive melting points? **Two elements**
- 2) Which element recorded the highest melting point? **Sulfur**

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