

# Lesson 1 Enrich

## Addition Properties and Subtraction Rules

A	B	C	D	E	F	G	H	I	J
			8	1	5		6		

Each letter in these addition and subtraction problems stands for a different numeral. Use the clues given to substitute the correct numerals in the problems below. As you study the problems, you will discover the correct numerals for each letter in the chart. Rewrite each problem and fill in the chart.

$$\begin{array}{r}
 1. \quad \text{IEC} \\
 + \text{DED} \\
 \hline
 \text{EEGD}
 \end{array}$$

$$\begin{array}{r}
 2. \quad \text{FFD} \\
 + \text{IBH} \\
 \hline
 \text{ACB}
 \end{array}$$

$$\begin{array}{r}
 3. \quad \text{DAE} \\
 + \text{HGH} \\
 \hline
 \text{EFEJ}
 \end{array}$$

$$\begin{array}{r}
 4. \quad \text{IEC} \\
 - \text{EGF} \\
 \hline
 \text{EDF}
 \end{array}$$

$$\begin{array}{r}
 5. \quad \text{DAA} \\
 - \text{JEF} \\
 \hline
 \text{EDB}
 \end{array}$$

$$\begin{array}{r}
 6. \quad \text{EHHB} \\
 - \text{BEG} \\
 \hline
 \text{EGFG}
 \end{array}$$

Score  
Date  
ing

Date \_\_\_\_\_

Name \_\_\_\_\_

## Lesson 2 Enrich

### Addition and Subtraction Patterns

Use the numbers in the box below to complete the exercises.

5	2	0	7	8
---	---	---	---	---

Name :  
Teacher :

1. Write the greatest five-digit number possible with the numbers in the box.

\_\_\_\_\_

2. Starting with the answer to Exercise 1, write the next four numbers in a sequence if the pattern is  $+ 100$ .

\_\_\_\_\_

3. Starting with the greatest five-digit number, write the next three numbers in a sequence if the pattern is  $- 10,000$ .

\_\_\_\_\_

4. Starting with the greatest five-digit number, write the next four numbers in a sequence if the pattern is  $- 10$ .

\_\_\_\_\_

5. Write the least five-digit number possible with the numbers in the box.

\_\_\_\_\_

6. Starting with the answer to Exercise 5, write the next three numbers in a sequence if the pattern is  $+ 1,000$ .

\_\_\_\_\_

7. Starting with the least five-digit number, write the next four numbers in a sequence if the pattern is  $- 1$ .

\_\_\_\_\_

8. Starting with the least five-digit number, write the next three numbers in a sequence if the pattern is  $+ 10,000$ .

\_\_\_\_\_

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Rounding Integer Numbers

Round each number to the nearest thousand.

1 ) 6,229 \_\_\_\_\_

6 ) 5,957 \_\_\_\_\_

2 ) 2,337 \_\_\_\_\_

7 ) 5,799 \_\_\_\_\_

3 ) 9,891 \_\_\_\_\_

8 ) 6,972 \_\_\_\_\_

4 ) 3,817 \_\_\_\_\_

9 ) 1,334 \_\_\_\_\_

5 ) 5,576 \_\_\_\_\_

10 ) 3,325 \_\_\_\_\_

Round each number to the nearest thousand.

1 ) 33,832 \_\_\_\_\_

6 ) 67,398 \_\_\_\_\_

2 ) 55,671 \_\_\_\_\_

7 ) 41,978 \_\_\_\_\_

3 ) 55,559 \_\_\_\_\_

8 ) 51,912 \_\_\_\_\_

4 ) 85,823 \_\_\_\_\_

9 ) 63,744 \_\_\_\_\_

5 ) 43,232 \_\_\_\_\_

10 ) 64,377 \_\_\_\_\_



Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### Complete the Skip Counting Series

1) 96, 99, 102, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 72, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 122, 132

3) \_\_\_\_\_, \_\_\_\_\_, 131, \_\_\_\_\_, \_\_\_\_\_, 191, \_\_\_\_\_, \_\_\_\_\_, 251, \_\_\_\_\_

4) \_\_\_\_\_, \_\_\_\_\_, 104, \_\_\_\_\_, \_\_\_\_\_, 119, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 139

5) \_\_\_\_\_, 23, \_\_\_\_\_, \_\_\_\_\_, 53, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 103

6) \_\_\_\_\_, 26, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 38, \_\_\_\_\_, 42

7) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 47, 49, 51, \_\_\_\_\_

8) 21, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 33, 35, \_\_\_\_\_, \_\_\_\_\_

9) 11, \_\_\_\_\_, 15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 23, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

10) 99, \_\_\_\_\_, \_\_\_\_\_, 105, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 115, \_\_\_\_\_

11) \_\_\_\_\_, 5, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 15, \_\_\_\_\_, 19, \_\_\_\_\_

12) \_\_\_\_\_, 21, 23, \_\_\_\_\_, \_\_\_\_\_, 29, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



Name \_\_\_\_\_

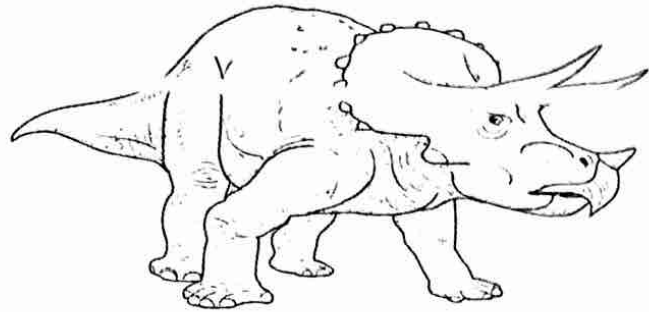
Date \_\_\_\_\_

# Lesson 4 Enrich

## Order Numbers

Dino Wonder Park has models and facts about how young

Here is some information about a few of the dinosaur models.



<p><b>Tracy Triceratops</b>            Weight: 3,499 pounds            Length: 84 inches            Height: 24 inches</p>	<p><b>Desi Diplodocus</b>            Weight: 10,000 pounds            Length: 270 inches            Height: 66 inches</p>
<p><b>Iggy Iguanodon</b>            Weight: 2,501 pounds            Length: 99 inches            Height: 36 inches</p>	<p><b>Ally Allosaurus</b>            Weight: 2,000 pounds            Length: 105 inches            Height: 39 inches</p>

1. Show the order of the dinosaurs by weight from the one that weighs the *least* to the one that weighs the *most*.

Names: \_\_\_\_\_

Weights: \_\_\_\_\_

2. Jake is a visitor at the park. He is 50 inches tall. Which dinosaur youngster would be taller than Jake?

\_\_\_\_\_

3. List the heights, including Jake's, from *greatest* to *least*.

\_\_\_\_\_

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## Lesson 1 Enrich

### Addition Properties and Subtraction Rules

A	B	C	D	E	F	G	H	I	J
<b>9</b>	<b>4</b>	<b>0</b>	8	1	5	<b>2</b>	6	<b>3</b>	<b>7</b>

Each letter in these addition and subtraction problems stands for a different numeral. Use the clues given to substitute the correct numerals in the problems below. As you study the problems, you will discover the correct numerals for each letter in the chart. Rewrite each problem and fill in the chart.

$$\begin{array}{r}
 1. \quad \text{IEC} \quad \mathbf{310} \\
 + \text{DED} \quad \mathbf{+ 818} \\
 \hline
 \text{EEGD} \quad \mathbf{1,128}
 \end{array}$$

$$\begin{array}{r}
 2. \quad \text{FFD} \quad \mathbf{558} \\
 + \text{IBH} \quad \mathbf{+ 346} \\
 \hline
 \text{ACB} \quad \mathbf{904}
 \end{array}$$

$$\begin{array}{r}
 3. \quad \text{DAE} \quad \mathbf{891} \\
 + \text{HGH} \quad \mathbf{+ 626} \\
 \hline
 \text{EFEJ} \quad \mathbf{1,517}
 \end{array}$$

$$\begin{array}{r}
 4. \quad \text{IEC} \quad \mathbf{310} \\
 - \text{EGF} \quad \mathbf{- 125} \\
 \hline
 \text{EDF} \quad \mathbf{185}
 \end{array}$$

$$\begin{array}{r}
 5. \quad \text{DAA} \quad \mathbf{899} \\
 - \text{JEF} \quad \mathbf{- 715} \\
 \hline
 \text{EDB} \quad \mathbf{184}
 \end{array}$$

$$\begin{array}{r}
 6. \quad \text{EHHB} \quad \mathbf{1664} \\
 - \text{BEG} \quad \mathbf{- 412} \\
 \hline
 \text{EGFG} \quad \mathbf{1,252}
 \end{array}$$

Name \_\_\_\_\_ Date \_\_\_\_\_

## Lesson 2 Enrich

### Addition and Subtraction Patterns

Use the numbers in the box below to complete the exercises.

5	2	0	7	8
---	---	---	---	---

1. Write the greatest five-digit number possible with the numbers in the box.

**87,520**

2. Starting with the answer to Exercise 1, write the next four numbers in a sequence if the pattern is + 100.

**87,620; 87,720; 87,820; 87,920**

3. Starting with the greatest five-digit number, write the next three numbers in a sequence if the pattern is - 10,000.

**77,520; 67,520; 57,520**

4. Starting with the greatest five-digit number, write the next four numbers in a sequence if the pattern is - 10.

**87,510; 87,500; 87,490; 87,480**

5. Write the least five-digit number possible with the numbers in the box.

**20,578**

6. Starting with the answer to Exercise 5, write the next three numbers in a sequence if the pattern is + 1,000.

**21,578; 22,578; 23,578**

7. Starting with the least five-digit number, write the next four numbers in a sequence if the pattern is - 1.

**20,577; 20,576; 20,575; 20,574**

8. Starting with the least five-digit number, write the next three numbers in a sequence if the pattern is + 10,000.

**30,578; 40,578; 50,578**

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Rounding Integer Numbers

Round each number to the nearest thousand.

1) 6,229    6,000

6) 5,957    6,000

2) 2,337    2,000

7) 5,799    6,000

3) 9,891    10,000

8) 6,972    7,000

4) 3,817    4,000

9) 1,334    1,000

5) 5,576    6,000

10) 3,325    3,000

Round each number to the nearest thousand.

1) 33,832    34,000

6) 67,398    67,000

2) 55,671    56,000

7) 41,978    42,000

3) 55,559    56,000

8) 51,912    52,000

4) 85,823    86,000

9) 63,744    64,000

5) 43,232    43,000

10) 64,377    64,000





Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### Complete the Skip Counting Series

- 1) 96, 99, 102, 105, 108, 111, 114, 117, 120, 123
- 2) 42, 52, 62, 72, 82, 92, 102, 112, 122, 132
- 3) 91, 111, 131, 151, 171, 191, 211, 231, 251, 271
- 4) 94, 99, 104, 109, 114, 119, 124, 129, 134, 139
- 5) 13, 23, 33, 43, 53, 63, 73, 83, 93, 103
- 6) 24, 26, 28, 30, 32, 34, 36, 38, 40, 42
- 7) 35, 37, 39, 41, 43, 45, 47, 49, 51, 53
- 8) 21, 23, 25, 27, 29, 31, 33, 35, 37, 39
- 9) 11, 13, 15, 17, 19, 21, 23, 25, 27, 29
- 10) 99, 101, 103, 105, 107, 109, 111, 113, 115, 117
- 11) 3, 5, 7, 9, 11, 13, 15, 17, 19, 21
- 12) 19, 21, 23, 25, 27, 29, 31, 33, 35, 37

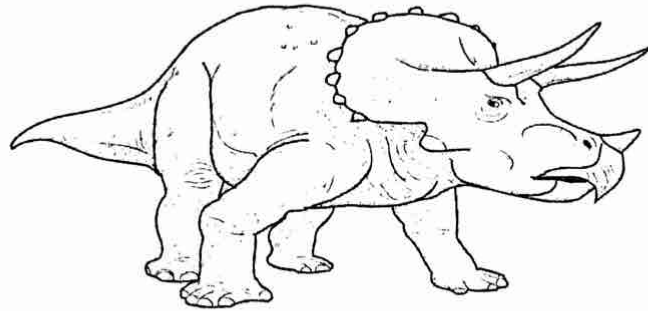


Name \_\_\_\_\_ Date \_\_\_\_\_

## Lesson 4 Enrich

### Order Numbers

Dino Wonder Park has models and facts about how young dinosaurs might have looked. Here is some information about a few of the dinosaur models.



<b>Tracy Triceratops</b> Weight: 3,499 pounds Length: 84 inches Height: 24 inches	<b>Desi Diplodocus</b> Weight: 10,000 pounds Length: 270 inches Height: 66 inches
<b>Iggy Iguanodon</b> Weight: 2,501 pounds Length: 99 inches Height: 36 inches	<b>Ally Allosaurus</b> Weight: 2,000 pounds Length: 105 inches Height: 39 inches

1. Show the order of the dinosaurs by weight from the one that weighs the *least* to the one that weighs the *most*.

Names: Ally, Iggy, Tracy, Desi

Weights: 2,000 lb, 2,501 lb, 3,499 lb, 10,000 lb

2. Jake is a visitor at the park. He is 50 inches tall. Which dinosaur youngster would be taller than Jake?

Desi Diplodocus

3. List the heights, including Jake's, from *greatest* to *least*.

66 inches, 50 inches, 39 inches, 36 inches, 24 inches