

# Numbers

Lesson code: 11C6-76CD-DNIB

PRE-INTERMEDIATE+

American English

## 1 Warm-up

Do you have a lucky number? Why is it lucky?

## 2 Objects that show numbers

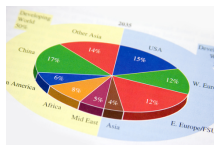
Match the words with the pictures for objects that have numbers on them.

a calculator  
a ruler

a calendar  
a scoreboard

a clock  
a thermometer

a pie chart  
scales



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_



5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

Now, match the objects with what they do.

- |                           |                             |
|---------------------------|-----------------------------|
| 1. A pie chart shows      | a. percentages.             |
| 2. A scoreboard shows     | b. the date.                |
| 3. A calendar gives       | c. the length of something. |
| 4. A calculator shows     | d. the score.               |
| 5. A clock tells          | e. the temperature.         |
| 6. a scale measures       | f. the total.               |
| 7. A ruler measures       | g. the weight of something. |
| 8. A thermometer measures | h. time.                    |



### 3 Dates

Take turns with a partner saying the dates below. This is the American way of writing dates when only using numbers.

Example: 01/16/2016 : "January sixteenth, twenty sixteen".

1. 05/02/1998
2. 10/29/1747
3. 06/12/2006
4. 02/03/1885
5. 08/31/2017
6. 09/03/2020

### 4 Fractions and percentages

Match the fractions with their names and then put them in size order, starting with the smallest first. Use the lines below to write your answers.

- |           |                                  |
|-----------|----------------------------------|
| 1. $1/8$  | a. a fifth/one fifth             |
| 2. $1/3$  | b. a fiftieth/one fiftieth       |
| 3. $1/2$  | c. a fourth/one fourth/a quarter |
| 4. $1/6$  | d. a half                        |
| 5. $1/4$  | e. an eighth/one eighth          |
| 6. $1/10$ | f. a sixth/one sixth             |
| 7. $1/5$  | g. a tenth/one tenth             |
| 8. $1/50$ | h. a third/one third             |

.....

.....

.....

How would you say these numbers as percentages? Work with a partner and say them out loud.

Example:  $3/4$  - "Three quarters is seventy-five percent".

1.  $1/2$
2.  $1/4$
3.  $1/10$
4.  $1/100$
5.  $1/1000$



## 5 Weight

Match the objects with their average weights.

- |                   |            |
|-------------------|------------|
| 1. an elephant    | a. 100 lbs |
| 2. a bag of sugar | b. 188 lbs |
| 3. a book         | c. 1.8 oz  |
| 4. an adult male  | d. 2.2 lbs |
| 5. a young horse  | e. 5 tons  |
| 6. a motorcycle   | f. 750 lbs |

Now, take turns to make complete sentences from the answers above.

Example: "A small laptop weighs a little over 2 lbs."

## 6 Big numbers

Here are some common big numbers.

### BIG NUMBERS

100	one hundred
1,000	one thousand
100,000	one hundred thousand
1,000,000	one million
1,000,000,000	one billion

Work in pairs. Your teacher will give you a worksheet with some big numbers on it. One after the other, write down the numbers your partner says to you. At the end, check to make sure you have the correct numbers.

Next, write down three new big numbers, read them out loud and your partner will write them down. Use the lines below, or the space on your worksheet.

.....

.....

.....

.....

.....

.....



## Student A

**Say these numbers to your partner.**

4,500 (four thousand five hundred)

658,100 (six hundred fifty-eight thousand one hundred)

288,453,743 (two hundred eighty-eight million, four hundred fifty-three thousand, seven hundred forty-three)



## Student B

**Say these numbers to your partner.**

9,300 (nine thousand three hundred)

128,400 (one hundred and twenty-eight thousand four hundred)

535,217,938 (five hundred thirty-five million, two hundred seventeen thousand, nine hundred thirty-eight)



**1 Warm-up**

*Give students 3 minutes to complete this activity.*

**2 Objects that show numbers**

- |                |                 |                  |               |
|----------------|-----------------|------------------|---------------|
| 1. a pie chart | 2. a scoreboard | 3. a thermometer | 4. a ruler    |
| 5. a clock     | 6. scales       | 7. a calculator  | 8. a calendar |
| 1. a           | 2. d            | 3. b             | 4. f          |
| 5. h           | 6. g            | 7. c             | 8. e          |

**3 Dates**

- |  |  |
|--|--|
| 1. May second, nineteen ninety-eight     | 2. October twenty-ninth, seventeen forty-seven |
| 3. June twelfth, two thousand six        | 4. February third, eighteen eighty-five        |
| 5. August thirty first, twenty seventeen | 6. September third, twenty twenty              |

**4 Fractions and percentages**

- |      |      |      |      |
|------|------|------|------|
| 1. e | 2. h | 3. d | 4. f |
| 5. c | 6. g | 7. a | 8. b |

*Size order for the fractions starting with the smallest first: 1/50, 1/10, 1/8, 1/6, 1/5, 1/4, 1/3, 1/2.*

- |                        |                                  |                      |
|------------------------|----------------------------------|----------------------|
| 1. fifty percent (50%) | 2. twenty-five percent (25%)     | 3. ten percent (10%) |
| 4. one percent (1%)    | 5. zero point one percent (0.1%) |                      |

**5 Weight**

- |      |      |      |      |      |      |
|------|------|------|------|------|------|
| 1. e | 2. d | 3. c | 4. b | 5. a | 6. f |
|------|------|------|------|------|------|

**6 Big numbers**

*Hand out page 4 to student A, and page 5 to student B. Monitor students and help if necessary.*

