Dimensions

Lesson code: RTPK-RLD4-VT1

British English

UPPER-INTERMEDIATE+

1 Area

Complete the table below.

Adjective	Noun	Verb
deep	1.	5.
high	2.	6.
long	3.	7.
wide	4.	8.

Now, choose the best word from the table to complete each sentence.

1. There is a proposal to _____ the course from three to four years.
2. Julio swam the whole _____ of the river, from one side to the other.
3. The idea is to _____ the river bed to prevent further flooding.
4. The council should _____ the road here because it's very narrow.
5. The _____ to the bottom of the pool is 1.9m.
6. The _____ of the bridge was increased after a truck got stuck under it.

2 Dimensional synonyms

Match the words to their synonyms below.

1. width
2. measurements
3. size
4. height
5. length
6. volume

a. altitude
b. breadth
c. capacity
d. dimensions
e. distance
f. scale
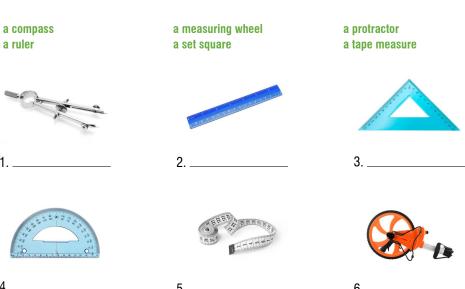
Now, complete the sentences using the words from ex 2.

1. The _____ from London to New York is almost 3,500 miles.
2. At a high _____ , there is less oxygen.
3. We need to measure the _____ of the room so we know how much wallpaper to buy.
4. The stadium only has the _____ to seat 30,000. Some fans will be disappointed.
5. The _____ of the project was huge. It took over ten years to complete.

3 Measuring and drawing tools

Match the words to the pictures.

a compass   a measuring wheel   a protractor
a ruler   a set square   a tape measure

1. _____   2. _____   3. _____

4. _____   5. _____   6. _____

Now, answer the questions below.

Which tool is used to....

1. measure angles? _____
2. calculate long distances between things? _____
3. draw straight lines? _____
4. draw lines that come together to make an angle of $90°$? _____
5. draw circles? _____
6. measure the three-dimensional size of an object? _____

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4 Dimensional phrases

Match the underlined words to their definitions.

1. Adam talked <u>at length</u> about his plans to renovate the house.
2. Their estimate was completely <u>wide of the mark</u>.
3. The minister was <u>in deep water</u> over his expenses.
4. Carlo didn't have the right experience so he knew getting the job would be <u>a long shot</u>.
5. You should <u>get off your high horse</u> and do the work like everyone else.
6. During the first week of his new job, Jack felt <u>out of his depth.</u>
7. I think you should take that trip. It will <u>broaden your horizons</u>.

a. expand your range of interests, knowledge and experiences
b. for a long time
c. inaccurate
d. in serious trouble
e. something that is likely to be unsuccessful but is worth trying
f. stop behaving like you know more or are better than other people
g. unable to deal with a situation because you don't have the necessary skills or experience

Now, ask and answer the questions below.

1. When was the last time you felt **out of your depth**?
2. Have you ever tried to do anything you knew was **a long shot**?
3. Do you know anyone who you think should **get off their high horse**?
4. What things do you think can **broaden your horizons**?

1 Area

Table: 1. depth, 2. height, 3. length, 4. width , 5. deepen 6. heighten* 7. lengthen 8. widen

'Heighten' is most commonly used when we want to say that a feeling or emotion becomes more intense or increases.

Students may ask about the difference between height and depth. Height is the distance from the top to the bottom of something above a surface. Depth is this distance below a surface. We generally talk about the depth of a container to indicate how much can be put inside it.

1. lengthen	2. width	3. deepen
4. widen	5. depth	6. height

2 Dimensional synonyms

Students can work in pairs and check answers with the teacher. Clarify the meaning of any new vocabulary.

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

1. distance   2. altitude   3. dimensions   4. capacity   5. scale

3 Measuring and drawing tools

Students can work alone and check answers in pairs.

1. a compass	2. a ruler	3. a set square
4. a protractor	5. a tape measure	6. a measuring wheel

1. a protractor	2. a measuring wheel	3. a ruler
4. a set square	5. a compass	6. a tape measure

4 Dimensional phrases

Make sure students understand the meaning of all the phrases. Provide more example sentences if necessary.

1. b   2. c   3. d   4. e   5. f   6. g   7. a
Monitor the speaking activity. It can can also be done as a class.

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