

MULTIPLE CHOICE

BASICS - QUICK QUIZ - ANSWER KEY

PROPOSED FOR REVIEW - questions are the author's verbatim Q&A; distractors are auto-selected from other answers in the same bank and must be checked by a subject-matter reviewer (a distractor could coincidentally be correct). Not authoritative assessment content.

1. A number followed by the word percent is what type of value?

- A. Unitless**
- B. An area unit
- C. A length unit
- D. A frequency unit

2. What power of ten represents one hundredth?

- A. 10^{-1}
- B. 10^{-3}
- C. 10^{-2}**
- D. 10^2

3. What does the metric prefix deca mean?

- A. Thousand
- B. Hundred
- C. Tenth
- D. Ten**

4. What does the metric prefix milli mean?

- A. Millionth
- B. Thousand
- C. Hundredth
- D. Thousandth**

5. What does the metric prefix mega mean?

- A. Billion
- B. Million**
- C. Millionth
- D. Thousand

6. What does directly related mean?

- A. When both variables are multiplied to equal 1
- B. When one variable changes and the other stays constant
- C. When one variable increases, the other decreases
- D. When one variable increases, the other increases**

7. What phrase means to divide a value?

- A. Increase by a factor
- B. Add a constant
- C. Square the value
- D. Decrease by a factor**

8. What is another term for inversely related?

- A. Directly proportional
- B. Inversely proportional**
- C. Unrelated
- D. Constant

9. What power of ten represents one million?

- A. 10^9
- B. 10^6**
- C. 10^3
- D. 10^{-6}

10. How many hertz are in 6 MHz?

- A. 6,000,000 Hz**
- B. 60,000 Hz
- C. 600,000 Hz
- D. 6,000 Hz