

Name

Quiz

P5 (Waves) Test

Class

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C

D

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13

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ZipGrade ID:

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Key

B

C

D

$$v = f\lambda$$

Problem 16 What is the frequency of a wave with a wavelength of 7 meters and a speed of 17 m/s?

Knowns/Unknowns

Plug & Chug

Answer w/ Units

Problem 17 What is the speed of a wave with frequency 300 Hz and wavelength 15 meters?

Knowns/Unknowns

Plug & Chug

Answer w/ Units

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Class

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13 (A) (B) (C) (D) (E)

14 (A) (B) (C) (D) (E)

15 (A) (B) (C) (D) (E)

ZipGrad

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1 1 2

	(2) (2) (2)
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(3) (3) (3)

	4	4	4
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	3	3	3
	3	3	3

[illegible]

0	0	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9

☐ A
 ☒ B
 ☐ C
 ☐ D

$$v = f\lambda$$

Problem 16 What is the speed of a wave with frequency 350 Hz and wavelength 8 meters?

Answer w/ Units

Problem 17 What is the frequency of a wave with a wavelength of 13 meters and a speed of 53 m/s?

Answer w/ Units

Class

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2 (A) (B) (C) (D) (E) 14 (A) (B) (C) (D) (E)

3 (A) (B) (C) (D) (E) 15 (A) (B) (C) (D) (E)

4 (A) (B) (C) (D) (E)

5 (A) (B) (C) (D) (E)

6 (A) (B) (C) (D) (E)

7 (A) (B) (C) (D) (E)

8 (A) (B) (C) (D) (E)

9 (A) (B) (C) (D) (E)

10 (A) (B) (C) (D) (E)

11 (A) (B) (C) (D) (E)

12 (A) (B) (C) (D) (E)

0	0	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9

○ A ○ B ○ ● ○ D

Answer w/ Units

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Class

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13 (A) (B) (C) (D) (E)

14 (A) (B) (C) (D) (E)

15 (A) (B) (C) (D) (E)

0	0	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9

$$v = f\lambda$$

Problem 16 What is the speed of a wave with frequency 250 Hz and wavelength 17 meters?

Answer w/ Units

Problem 17 What is the frequency of a wave with a wavelength of 9 meters and a speed of 94 m/s?

Answer w/ Units