FUN MATH KIDS

Easy

Vectors MCQ

Topic: Vector notation, magnitude, resultant A–D · Grade: grade 8

Name: _____ Date: _____ Score: _____/ 8

Find the magnitude or resultant, then tick the correct answer.

1. Find the magnitude of the vector (20, 21).

- ☐ A. 28
- ☐ B. 29
- ☐ C. 30
- ☐ D. 41

2. Find the magnitude of the vector (5, 12).

- ☐ A. 14
- ☐ B. 12
- ☐ C. 13
- ☐ D. 17

3. Find the resultant of (5, 6) and (2, 1).

- ☐ A. (3, 5)
- ☐ B. (7, 7)
- ☐ C. (10, 6)
- ☐ D. (7, 5)

4. Find the magnitude of the vector (6, 8).

- ☐ A. 9
- ☐ B. 14
- ☐ C. 11
- ☐ D. 10

5. Find the resultant of (6, 5) and (4, 5).

- ☐ A. (10, 10)
- ☐ B. (2, 0)
- ☐ C. (24, 25)
- ☐ D. (10, 0)

6. Find the resultant of (5, 2) and (6, 2).

- ☐ A. (30, 4)
- ☐ B. (11, 4)
- ☐ C. (11, 0)
- ☐ D. -1, 0)

7. Find the magnitude of the vector (8, 15).

- ☐ A. 16
- ☐ B. 23
- ☐ C. 17
- ☐ D. 18

8. Find the resultant of (3, 1) and (3, 3).

- ☐ A. (6, 4)
- ☐ B. (0, -2)
- ☐ C. (9, 3)
- ☐ D. (6, -2)