Task card 1 Introduction to Vectors

Find the magnitude of vector <4, 3>.

Task card 2 Introduction to Vectors

Add: <-2,-5> + <-1,-3>

Task card 3 Introduction to Vectors

Find the dot product of <-6,0> and <4,-5>.

Task card 4 Introduction to Vectors

Find the magnitude of vector <24, 7>.

Task card 5 Introduction to Vectors

Add: <-2,-5> + <-4,6>

Task card 6 Introduction to Vectors

Find the dot product of <-7,-3> and <-1,2>.

Task card 7 Introduction to Vectors

Find the magnitude of vector <7, 24>.

Task card 8 Introduction to Vectors

Add: <-7,7> + <-7,5>

Task card 9 Introduction to Vectors

Find the magnitude of vector <12, 9>.

Task card 10 Introduction to Vectors

Add: <-7,-2> + <-5,-6>

Task card 11 Introduction to Vectors

Find the dot product of <-6,-1> and <5,5>.

Task card 12 Introduction to Vectors

Add: <6,5> + <6,-5>

Task card 13 Introduction to Vectors

Find the dot product of <-3,8> and <-2,0>.

Task card 14 Introduction to Vectors

Find the magnitude of vector <5, 12>.

Task card 15 Introduction to Vectors

Add: <3,2> + <3,1>

Task card 16 Introduction to Vectors

Find the magnitude of vector <3, 4>.

Task card 17 Introduction to Vectors

Add: <-3,9> + <-3,-3>

Task card 18 Introduction to Vectors

Find the dot product of <-5,-6> and <6,-4>.

Task card 19 Introduction to Vectors

Find the magnitude of vector <9, 12>.

Task card 20 Introduction to Vectors

Add: <4,6> + <3,-5>

Task card 21 Introduction to Vectors

Find the dot product of <-1,-3> and <-1,-9>.

Task card 22 Introduction to Vectors

Find the magnitude of vector <21, 20>.

Task card 23 Introduction to Vectors

Add: <-5,-7> + <3,-2>

Task card 24 Introduction to Vectors

Find the magnitude of vector <6, 8>.

Introduction to Vectors Task Cards

Recording sheet · Grade 12 · Solve each problem.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Introduction to Vectors Task Cards: Answer Key

Grade 12 · Medium

The answers online

1. 5	**2.** <-3, -8>	**3.** -24
4. 25	**5.** <-6, 1>	**6.** 1
7. 25	**8.** <-14, 12>	**9.** 15
10. <-12, -8>	**11.** -35	**12.** <12, 0>
13. 6	**14.** 13	**15.** <6, 3>
16. 5	**17.** <-6, 6>	**18.** -6
19. 15	**20.** <7, 1>	**21.** 28
22. 29	**23.** <-2, -9>	**24.** 10