Task card 1 Introduction to Vectors

Find the magnitude of vector <6, 8>.

Task card 2 Introduction to Vectors

Add: <1,-4> + <-3,-3>

Task card 3 Introduction to Vectors

Find the dot product of <-4,2> and <-1,2>.

Task card 4 Introduction to Vectors

Find the magnitude of vector <3, 4>.

Task card 5 Introduction to Vectors

Add: <3,-4> + <1,2>

Task card 6 Introduction to Vectors

Find the dot product of <-4,2> and <-2,-2>.

Task card 7 Introduction to Vectors

Find the magnitude of vector <5, 12>.

Task card 8 Introduction to Vectors

Add: <3,-3> + <-2,0>

Task card 9 Introduction to Vectors

Find the magnitude of vector <8, 15>.

Task card 10 Introduction to Vectors

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

Task card 11 Introduction to Vectors

Find the dot product of <-5,-3> and <4,-2>.

Task card 12 Introduction to Vectors

Add: <1,4> + <3,0>

Task card 13 Introduction to Vectors

Find the dot product of <-4,-5> and <-2,5>.

Task card 14 Introduction to Vectors

Find the magnitude of vector <8, 6>.

Task card 15 Introduction to Vectors

Add: <1,-3> + <4,-1>

Task card 16 Introduction to Vectors

Find the magnitude of vector <7, 24>.

Task card 17 Introduction to Vectors

Add: <6,-2> + <0,-6>

Task card 18 Introduction to Vectors

Find the dot product of <-5,6> and <-2,1>.

Task card 19 Introduction to Vectors

Find the magnitude of vector <15, 8>.

Task card 20 Introduction to Vectors

Add: <-4,-1> + <0,4>

Task card 21 Introduction to Vectors

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

Task card 22 Introduction to Vectors

Find the magnitude of vector <12, 5>.

Task card 23 Introduction to Vectors

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

Task card 24 Introduction to Vectors

Find the magnitude of vector <4, 3>.

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 · Easy

The answers online

1. 10	**2.** <-2, -7>	**3.** 8
4. 5	**5.** <4, -2>	**6.** 4
7. 13	**8.** <1, -3>	**9.** 17
10. <1, -10>	**11.** -14	**12.** <4, 4>
13. -17	**14.** 10	**15.** <5, -4>
16. 25	**17.** <6, -8>	**18.** 16
19. 17	**20.** <-4, 3>	**21.** 31
22. 13	**23.** <-2, -8>	**24.** 5