Task card 1 Introduction to Vectors

Find the magnitude of vector <8, 6>.

Task card 2 Introduction to Vectors

Add: <-7,5> + <-7,8>

Task card 3 Introduction to Vectors

Find the dot product of <9,-8> and <-7,6>.

Task card 4 Introduction to Vectors

Find the magnitude of vector <3, 4>.

Task card 5 Introduction to Vectors

Add: <5,2> + <0,6>

Task card 6 Introduction to Vectors

Find the dot product of <5,-7> and <4,-4>.

Task card 7 Introduction to Vectors

Find the magnitude of vector <21, 20>.

Task card 8 Introduction to Vectors

Add: <10,7> + <10,-5>

Task card 9 Introduction to Vectors

Find the magnitude of vector <24, 7>.

Task card 10 Introduction to Vectors

Add: <-9,1> + <9,10>

Task card 11 Introduction to Vectors

Find the dot product of <-7,-4> and <-8,-5>.

Task card 12 Introduction to Vectors

Find the magnitude of vector <20, 21>.

Task card 13 Introduction to Vectors

Add: <-7,5> + <1,-5>

Task card 14 Introduction to Vectors

Find the dot product of <-5,8> and <-7,-2>.

Task card 15 Introduction to Vectors

Add: <-6,9> + <-10,1>

Task card 16 Introduction to Vectors

Find the magnitude of vector <12, 5>.

Task card 17 Introduction to Vectors

Add: <7,-7> + <10,-4>

Task card 18 Introduction to Vectors

Find the dot product of <-7,9> and <1,3>.

Task card 19 Introduction to Vectors

Find the magnitude of vector <6, 8>.

Task card 20 Introduction to Vectors

Add: <-10,7> + <4,-3>

Task card 21 Introduction to Vectors

Find the dot product of <10,-10> and <8,3>.

Task card 22 Introduction to Vectors

Find the magnitude of vector <4, 3>.

Task card 23 Introduction to Vectors

Add: <0,-8> + <-2,8>

Task card 24 Introduction to Vectors

Find the magnitude of vector <15, 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 · Hard

The answers online

1. 10	**2.** <-14, 13>	**3.** -111
4. 5	**5.** <5, 8>	**6.** 48
7. 29	**8.** <20, 2>	**9.** 25
10. <0, 11>	**11.** 76	**12.** 29
13. <-6, 0>	**14.** 19	**15.** <-16, 10>
16. 13	**17.** <17, -11>	**18.** 20
19. 10	**20.** <-6, 4>	**21.** 50
22. 5	**23.** <-2, 0>	**24.** 17