

Optics

Haslett Invitational – 1/25/25

Team No. _____ Team Name _____

Competitor Names _____

- Please write all answers on answer sheets provided, writing in test booklet will not be graded.
 - Please use capital letters for answers to multiple-choice questions.
- You will have 45 minutes to work on the test.
 - At some point during the test, your team will be called to one of the laser-shoot setups.
- Tiebreakers: Q46, Q1, Q2, Q3...

Q #	Answer	Grading Only
1	(m/s)	/3
2		/1
3		/1
4		/1
5		/1
6		/1
7	(°)	/4
8		/5
9		/2
10		/2
11		/1
12		/2
13		/2
14		/2

Q #	Answer	Grading Only
15	(cm)	/2
16	(cm)	/2
17		/2
18		/1
19		/1
20		/1
21	(cm ⁻¹)	/4
22	(cm)	/2
23	(cm)	/2
24		/1
25		/2
26	(cm ⁻¹)	/2
27		/1
28		/2

Team No. _____ Team Name _____

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Q #	Answer	Grading Only
29		/2
30		/2
31		/2
32		/2
33		/2
34		/1
35		/1
36		/2
37		/1
38		/2
39		/2
40		/2
41		/2

Q #	Answer	Grading Only
42	(%)	/2
43		/1
44	(%)	/2
45		/1
46	Tiebreaker only – use graph paper	/0
47		/1
48	(°)	/1
49		/2