

ACTIVITY 2.3 - MAGICAL SQUARES

Do you know how thick the ice must at least be before you can venture on it? Fill these magical squares to discover the minimum ice thickness required for each situation in the picture below.

Total : 21

		6
		11
8		

3 - 4 - 5 - 7 - 9 - 10

Total : 24

		9
7	13	

3 - 4 - 5 - 8 - 11 - 12

Total : 15

6		
	9	4

1 - 2 - 3 - 5 - 7 - 8

Total : 48

10		22
26		

2 - 6 - 12 - 16 - 20 - 30

Total : 36

11		
	12	
19		

4 - 5 - 6 - 13 - 18 - 20

Place the numbers from the grey boxes in ascending order in the empty boxes below.
Start with the box that is furthest to the left in the picture.



Recommended Minimum Ice Thickness for New Clear Hard Ice.

No ice is without some risk. Be sure to measure clear hard ice in several places.

cm or less **STAY OFF!**

cm: ice fishing, walking, cross country skiing

cm: one vehicle - snowmobile or ATV

-30cm: one vehicle - car or small pick-up

-38cm: one vehicle - medium truck

LIFESAVING SOCIETY®
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Moderation is always in good taste.

ANSWER SHEET - ACTIVITY 2.3 - MAGICAL SQUARES

Do you know how thick the ice must at least be before you can venture on it? Fill these magical squares to discover the minimum ice thickness required for each situation in the picture below.

Total : 21

10	5	6
3	7	11
8	9	4

3 - 4 - 5 - 7 - 9 - 10

Total : 24

12	3	9
5	8	11
7	13	4

3 - 4 - 5 - 8 - 11 - 12

Total : 15

6	1	8
7	5	3
2	9	4

1 - 2 - 3 - 5 - 7 - 8

Total : 48

12	30	6
10	16	22
26	2	20

2 - 6 - 12 - 16 - 20 - 30

Total : 36

11	20	5
6	12	18
19	4	13

4 - 5 - 6 - 13 - 18 - 20

Place the numbers from the grey boxes in ascending order in the empty boxes below.
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