

Let's Play! - Area and Perimeter of a Canola Field ¹²

Every year before seeding a farmer has to think about the area of canola and other crops they want to grow. They start planning very early for this to make sure they have enough seed during seeding time.

Grandpa Duffy would like your help to determine the area and perimeter of his field.

Materials:

- 2 coloured markers or 2 coloured pencil crayons [1 for each player]
- 2 players [evenly skilled]
- 2 dice [numbered 1-6]
- 1 piece of grid paper for each game with each square measuring 1 cm²

Objective of the game:

Build up the largest amount of total surface area first on the grid paper.

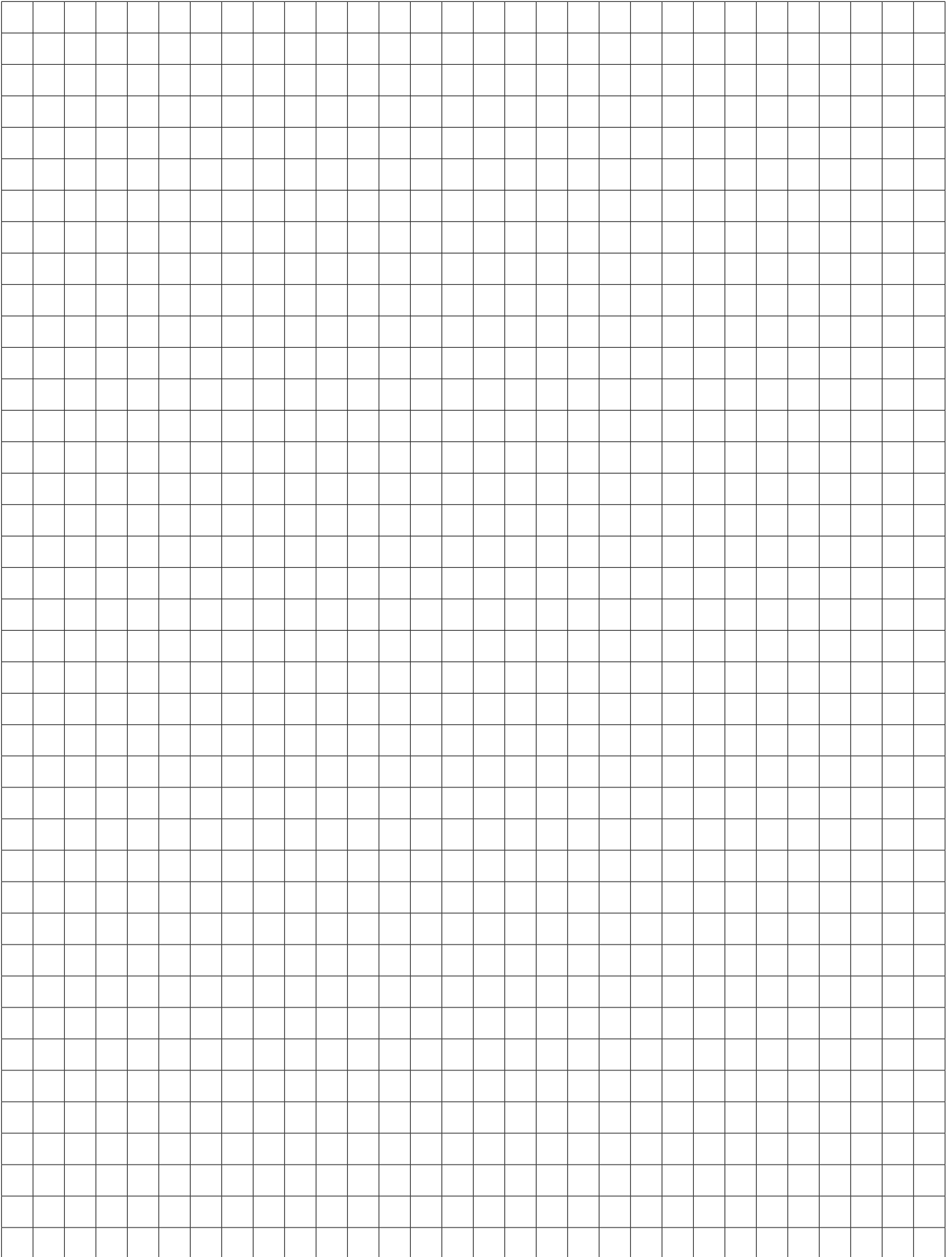
Number of players: 2

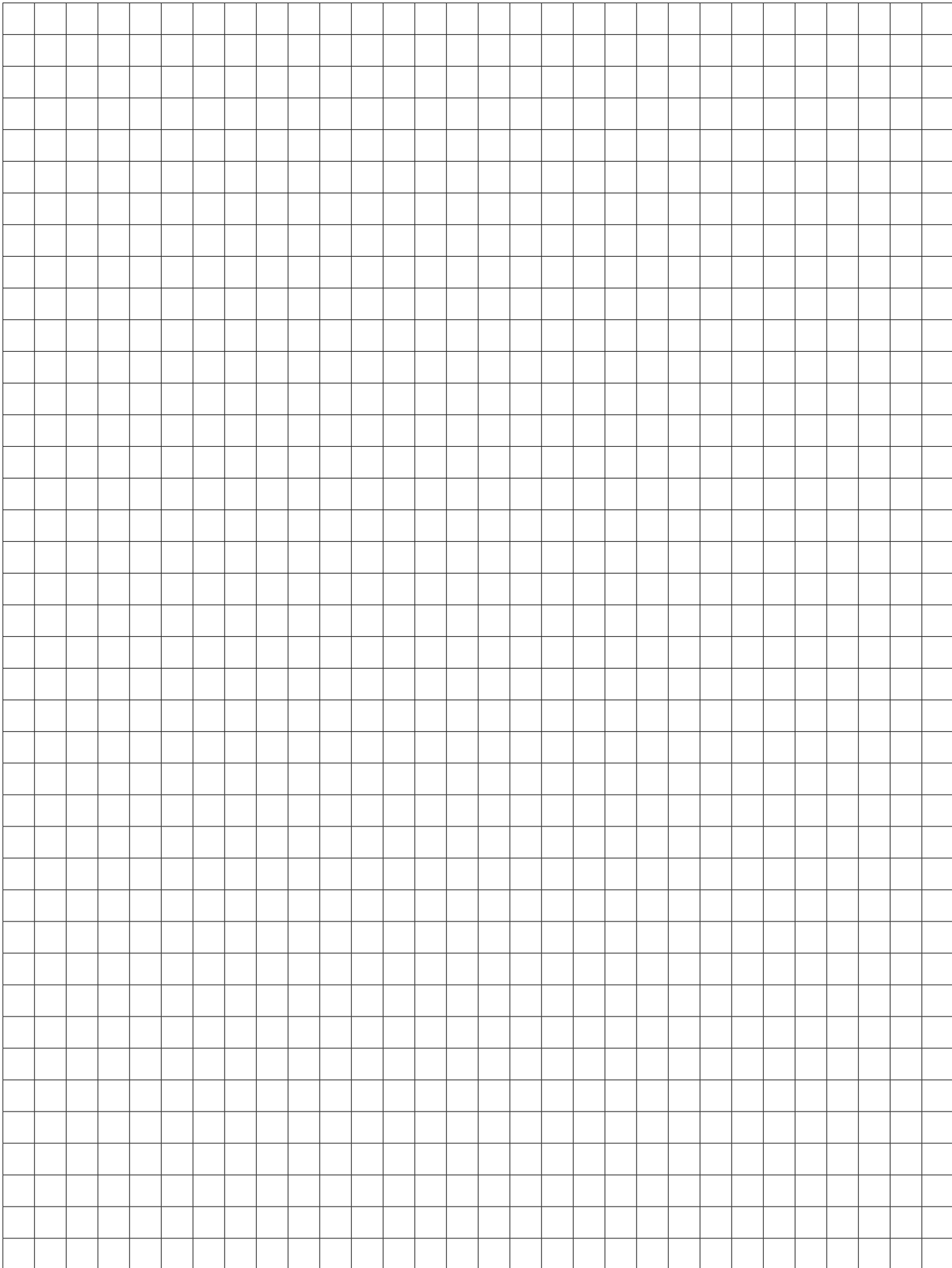
Getting ready to play:

1. Each player chooses a coloured pencil crayon they will use in the game.
2. Find Chase's Duffy's HELPFUL FACTS on p. 66 of this book
3. Rip out the double-sided grid paper on p. 64-65
4. Find 2, 6-sided dice with numbers 1-6 on the dice. Assign die 1 as length and die 2 as width.

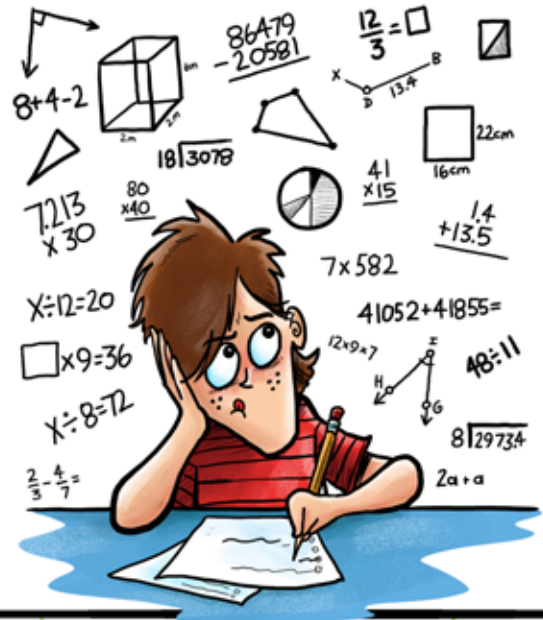
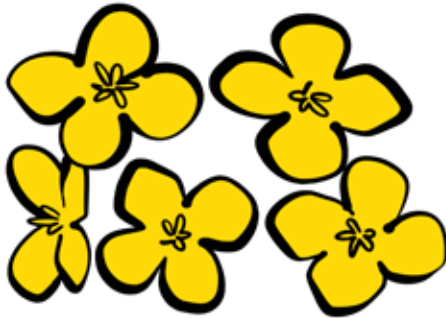


Area and Perimeter of a Canola Field





Chase Duffy's Multiplication Facts...



X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144