ThinkFun®

MATHDICE®

FINAL TARGET

SET C
BASIC

Thank you for participating in our
Math Dice Classroom Program!

We hope you enjoy this week's paper and pencil game.

This packet includes:

- How to Play Instructions
- 6 Challenges
- Solution Sheet

To learn more about our Math Dice Classroom Program, contact

Alana Ripy via email: education@thinkfun.com
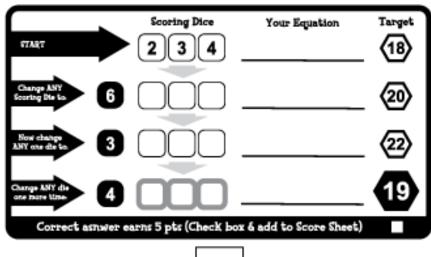or call 703-549-4999 ext 3605.
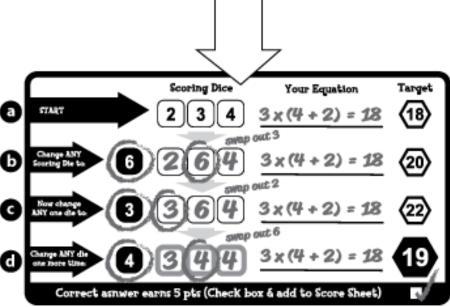
MATHDICE®
FINAL TARGET
How To Play

Your Goal:
Identify the Final Scoring Numbers that will hit the Final Target!

To Play:

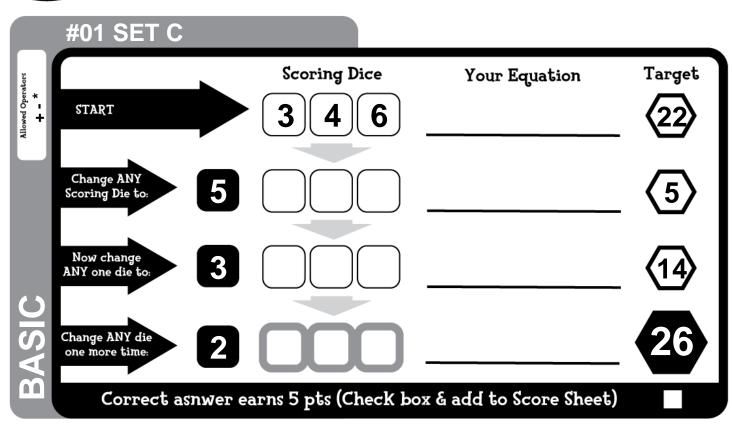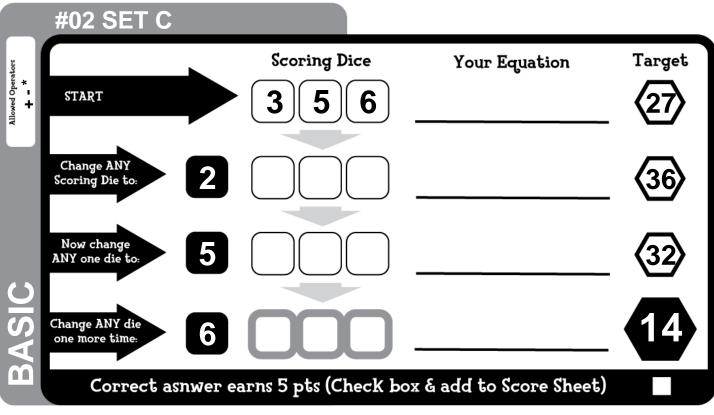**a** Solve the first equation at the top of the sheet. Write down your equation in the space given.

b Replace any one of your Scoring Dice with the replacement number shown and write down your solution for the second Target. Make sure to fill in your new Scoring Numbers too.

		Scoring Dice	Your Equation	Target
START	→	2 3 4	_____	18
Change ANY Scoring Die to	6	☐ ☐ ☐	_____	20
Now change ANY one die to	3	☐ ☐ ☐	_____	22
Change ANY die one more time	4	☐ ☐ ☐	_____	19

Correct answer earns 5 pts (Check box & add to Score Sheet) ☐

c Replace any one of the Scoring Dice USED IN YOUR SECOND EQUATION with the replacement number and write down your solution for your third Target. Fill in your new Scoring Numbers too.

d Replace any one of the Scoring Dice USED IN YOUR THIRD EQUATION with the replacement number and write down your solution for your fourth Target.

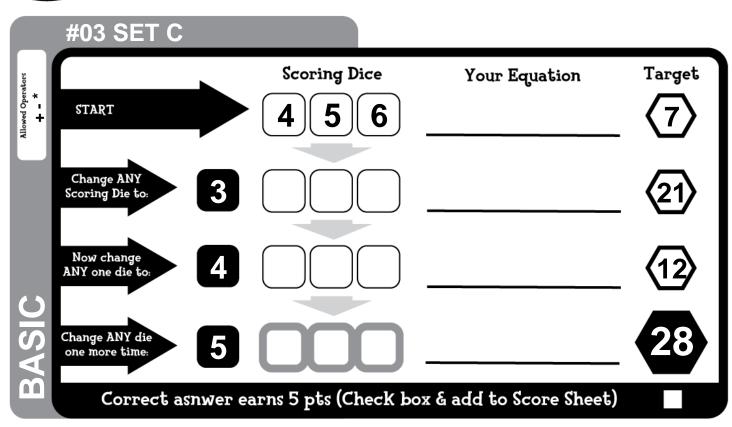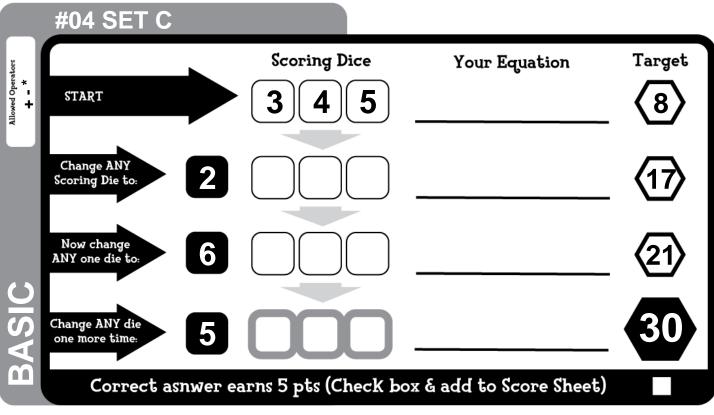|			Scoring Dice	Your Equation	Target
a	START	→	2 3 4	$3 \times (4 + 2) = 18$	18
b	Change ANY Scoring Die to	6	2 6 4 *swap out 3*	$3 \times (4 + 2) = 18$	20
c	Now change ANY one die to	3	3 6 4 *swap out 2*	$3 \times (4 + 2) = 18$	22
d	Change ANY die one more time	4	3 4 4 *swap out 6*	$3 \times (4 + 2) = 18$	19

Correct answer earns 5 pts (Check box & add to Score Sheet) ☑

Once you've successfully filled in your final Scoring Numbers YOU WIN!

ThinkFun MATHDICE — FINAL TARGET

#01 SET C

BASIC

Allowed Operators: * - +

	Scoring Dice	Your Equation	Target
START →	3 4 6	_____	22
Change ANY Scoring Die to: → 5	☐ ☐ ☐	_____	5
Now change ANY one die to: → 3	☐ ☐ ☐	_____	14
Change ANY die one more time: → 2	☐ ☐ ☐	_____	26

Correct asnwer earns 5 pts (Check box & add to Score Sheet) ☐

#02 SET C

BASIC

Allowed Operators: * - +

	Scoring Dice	Your Equation	Target
START →	3 5 6	_____	27
Change ANY Scoring Die to: → 2	☐ ☐ ☐	_____	36
Now change ANY one die to: → 5	☐ ☐ ☐	_____	32
Change ANY die one more time: → 6	☐ ☐ ☐	_____	14

Correct asnwer earns 5 pts (Check box & add to Score Sheet) ☐

Name _____   **Class** _____

#03 SET C

BASIC

Allowed Operators: * - +

	Scoring Dice	Your Equation	Target
START	4 5 6	_____	7
Change ANY Scoring Die to: 3	☐ ☐ ☐	_____	21
Now change ANY one die to: 4	☐ ☐ ☐	_____	12
Change ANY die one more time: 5	☐ ☐ ☐	_____	**28**

Correct asnwer earns 5 pts (Check box & add to Score Sheet) ☐

#04 SET C

BASIC

Allowed Operators: * - +

	Scoring Dice	Your Equation	Target
START	3 4 5	_____	8
Change ANY Scoring Die to: 2	☐ ☐ ☐	_____	17
Now change ANY one die to: 6	☐ ☐ ☐	_____	21
Change ANY die one more time: 5	☐ ☐ ☐	_____	**30**

Correct asnwer earns 5 pts (Check box & add to Score Sheet) ☐

Name _____ **Class** _____

#05 SET C

BASIC

Allowed Operators: * - +

	Scoring Dice	Your Equation	Target
START →	3 4 6	_____	12
Change ANY Scoring Die to: → **5**	☐ ☐ ☐	_____	8
Now change ANY one die to: → **4**	☐ ☐ ☐	_____	15
Change ANY die one more time: → **6**	☐ ☐ ☐	_____	**32**

Correct asnwer earns 5 pts (Check box & add to Score Sheet) ☐

#06 SET C

BASIC

Allowed Operators: * - +

	Scoring Dice	Your Equation	Target
START →	2 3 6	_____	5
Change ANY Scoring Die to: → **5**	☐ ☐ ☐	_____	28
Now change ANY one die to: → **3**	☐ ☐ ☐	_____	8
Change ANY die one more time: → **4**	☐ ☐ ☐	_____	**8**

Correct asnwer earns 5 pts (Check box & add to Score Sheet) ☐

Name _____ **Class** _____

#01

Scoring Dice (shaded = changed)			Solution	Target
3	4	6	(6 * 3) + 4	22
5	4	6	(6 + 4) - 5	5
3	4	6	(6 * 3) - 4	14
2	4	6	(6 * 4) + 2	26

#02

Scoring Dice (shaded = changed)			Solution	Target
3	5	6	(6 * 5) - 3	27
3	2	6	(6 * 3) * 2	36
5	2	6	(6 * 5) + 2	32
6	2	6	(6 + 6) + 2	14

#03

Scoring Dice (shaded = changed)			Solution	Target
4	5	6	(6 + 5) - 4	7
3	5	6	(5 * 3) + 6	21
3	5	4	(5 + 4) + 3	12
3	5	5	(5 * 5) + 3	28

#04

Scoring Dice (shaded = changed)			Solution	Target
3	4	5	4 * (5 - 3)	8
3	2	5	(5 * 3) + 2	17
3	6	5	(5 * 3) + 6	21
3	5	5	3 * (5 + 5)	30

#05

Scoring Dice (shaded = changed)			Solution	Target
3	4	6	4 * (6 - 3)	12
3	5	6	(6 + 5) - 3	8
4	5	6	(6 + 5) + 4	15
4	6	6	(6 * 6) - 4	32

#06

Scoring Dice (shaded = changed)			Solution	Target
2	3	6	(6 + 2) - 3	5
2	5	6	(6 * 5) - 2	28
3	5	6	(6 + 5) - 3	8
3	5	4	4 * (5 - 3)	8