HOW TO USE

Print a copy of the Scoring and Charting pages for each team playing the game.

The Scoring sheet: Follow the instructions in the rules for tracking new value, technical debt, and investments in TD-reducing measures for each sprint.

The Tracking sheet: Optionally, track the Net New Value created in each sprint on this sheet. The Baseline shows the average NNV created, if you do not invest in any TD-reducing measures.

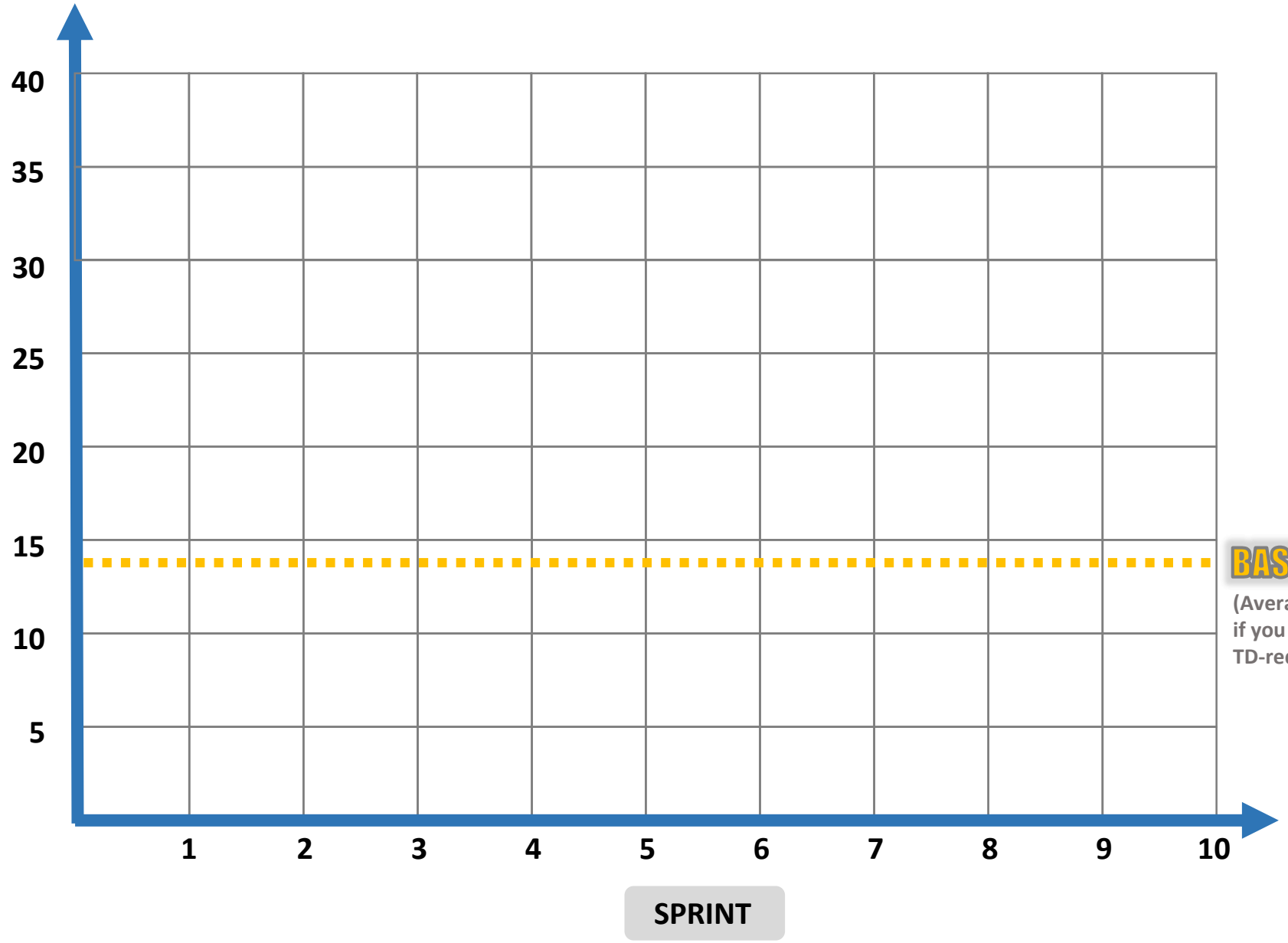
HOW MANY DICE DO I ROLL?	SPRINT	1	2	3	4	5	6	7	8	9	10
	# OF NEW VALUE DICE (8 to start)										
	# OF TECHNICAL DEBT DICE (4 to start)										
	# OF DICE INVESTED IN TD-REDUCING MEASURES										
Check for each turn of investing	**Reduced complexity** — **EFFECT:** Remove 2 dice from the TD pool, add them to the NV pool for the rest of the game. **COST:** 2 NV dice, 3 turns										
	Code review — **EFFECT:** Remove 1 die from the TD pool, add it to the NV pool for the rest of the game. **COST:** 3 NV dice, 2 turns.										
	Continuous integration — **EFFECT:** Re-roll once any TD dice each turn. **COST:** 1 NV dice, 2 turns.										
	Increased test coverage — **EFFECT:** Subtract 3 from the TD total rolled each turn for the rest of the game. **COST:** 1 NV dice, 3 turns.										
	TOTAL DICE	12	12	12	12	12	12	12	12	12	12

HOW MUCH VALUE DID I CREATE?											
	NEW VALUE CREATED Roll all the dice in the NV pool.										
	TECHNICAL DEBT CREATED Roll all the dice in the TD pool.										
	NET NEW VALUE THIS TURN Subtract the TD total from the NV total.										
	CUMULATIVE VALUE CREATED How much net value created so far?										FINAL SCORE

DICE OF DEBT SCORING SHEET

DICE OF DEBT TRACKING SHEET

NET NEW VALUE CREATED (PER SPRINT)



BASELINE

(Average net new value, if you do not invest in TD-reducing measures)

VARIANT CONTENT FOLLOWS

If you are playing the “Uncertain Outcomes” variant, print and use the scoring sheet that follows. Also, you will need to print and assemble the Effectiveness cards. See the rules for the “Uncertain Outcomes” variant for details.

We have provided some blank cards, in case you want to create your own TD-reducing measures.

HOW MANY DICE DO I ROLL?	SPRINT	1	2	3	4	5	6	7	8	9	10
	# OF NEW VALUE DICE (8 to start)										
	# OF TECHNICAL DEBT DICE (4 to start)										
	# OF DICE INVESTED IN TD-REDUCING MEASURES										
Check for each turn of investing	Reduced complexity — EFFECT: / COST:										
	Code review — EFFECT: / COST:										
	Continuous integration — EFFECT: / COST:										
	Increased test coverage — EFFECT: / COST:										
	TOTAL DICE	12	12	12	12	12	12	12	12	12	12

HOW MUCH VALUE DID I CREATE?											
	NEW VALUE CREATED — Roll all the dice in the NV pool.										
	TECHNICAL DEBT CREATED — Roll all the dice in the TD pool.										
	NET NEW VALUE THIS TURN — Subtract the TD total from the NV total.										
	CUMULATIVE VALUE CREATED — How much net value created so far?										FINAL SCORE

DICE OF DEBT

UNCERTAIN OUTCOMES
Variant scoring sheet

TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE
REDUCED COMPLEXITY	CONTINUOUS INTEGRATION	INCREASED TEST COVERAGE	CODE REVIEW	
LIKELY COST / BENEFIT: High	LIKELY COST / BENEFIT: Medium	LIKELY COST / BENEFIT: Low	LIKELY COST / BENEFIT: Low	
DICE OF DEBT	DICE OF DEBT	DICE OF DEBT	DICE OF DEBT	DICE OF DEBT

TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE
REDUCED COMPLEXITY	CONTINUOUS INTEGRATION	INCREASED TEST COVERAGE	CODE REVIEW	
LIKELY COST / BENEFIT: High	LIKELY COST / BENEFIT: Medium	LIKELY COST / BENEFIT: Low	LIKELY COST / BENEFIT: Low	
DICE OF DEBT	DICE OF DEBT	DICE OF DEBT	DICE OF DEBT	DICE OF DEBT

UNCERTAIN OUTCOMES: Variant card backs

REDUCED COMPLEXITY

BENEFIT:
Move 2 dice from the TD pool to the NV pool for the rest of the game.

COST:
2 NV dice for 3 turns

1

CONTINUOUS INTEGRATION

BENEFIT:
Re-roll any 1 TD die once per sprint.

COST:
1 NV die for 2 turns

1

INCREASED TEST COVERAGE

BENEFIT:
Subtract 3 from the TD total rolled per turn (minimum 0), for the rest of the game.

COST:
3 NV dice for 2 turns

1

CODE REVIEW

BENEFIT:
Move 1 die from the TD pool to the NV pool for the rest of the game.

COST:
1 NV die for 3 turns

1

1

REDUCED COMPLEXITY

BENEFIT:
Move 2 dice from the TD pool to the NV pool for the rest of the game.

COST:
2 NV dice for 3 turns

2

CONTINUOUS INTEGRATION

BENEFIT:
Re-roll any 1 TD die once per sprint.

COST:
1 NV die for 2 turns

2

INCREASED TEST COVERAGE

BENEFIT:
Subtract 3 from the TD total rolled per turn (minimum 0), for the rest of the game.

COST:
3 NV dice for 2 turns

2

CODE REVIEW

BENEFIT:
Move 1 die from the TD pool to the NV pool for the rest of the game.

COST:
1 NV die for 3 turns

2

2

UNCERTAIN OUTCOMES: Variant card fronts

TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE
REDUCED COMPLEXITY	CONTINUOUS INTEGRATION	INCREASED TEST COVERAGE	CODE REVIEW	
LIKELY COST / BENEFIT: High	LIKELY COST / BENEFIT: Medium	LIKELY COST / BENEFIT: Low	LIKELY COST / BENEFIT: Low	
DICE OF DEBT	DICE OF DEBT	DICE OF DEBT	DICE OF DEBT	DICE OF DEBT

TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE	TD-REDUCING MEASURE
REDUCED COMPLEXITY	CONTINUOUS INTEGRATION	INCREASED TEST COVERAGE	CODE REVIEW	
LIKELY COST / BENEFIT: High	LIKELY COST / BENEFIT: Medium	LIKELY COST / BENEFIT: Low	LIKELY COST / BENEFIT: Low	
DICE OF DEBT	DICE OF DEBT	DICE OF DEBT	DICE OF DEBT	DICE OF DEBT

UNCERTAIN OUTCOMES: Variant card backs

REDUCED COMPLEXITY

BENEFIT:
Move 3 dice from the TD pool to the NV pool for the rest of the game.

COST:
4 NV dice for 2 turns

3

CONTINUOUS INTEGRATION

BENEFIT:
Re-roll any 2 TD dice once per sprint.

COST:
1 NV die for 3 turns

3

INCREASED TEST COVERAGE

BENEFIT:
Ignore the lowest die roll for TD. If two or more dice are tied for lowest, select only one.

COST:
3 NV dice for 2 turns

3

CODE REVIEW

BENEFIT:
Move 1 die from the TD pool to the NV pool for the rest of the game.

2 NV die for 2 turns

3

3

REDUCED COMPLEXITY

BENEFIT:
Move 2 dice from the TD pool to the NV pool for the rest of the game.

COST:
3 NV dice for 3 turns

4

CONTINUOUS INTEGRATION

BENEFIT:
Move 1 die from the TD pool to the NV pool for the rest of the game.

COST:
1 NV die for 3turns

4

INCREASED TEST COVERAGE

BENEFIT:
Subtract 2 from the TD total rolled per turn (minimum 0), for the rest of the game.

COST:
2 NV dice for 2 turns

4

CODE REVIEW

BENEFIT:
Move 1 die from the TD pool to the NV pool for the rest of the game.

1 NV die for 2 turns

4

4

UNCERTAIN OUTCOMES: Variant card fronts