

# THIZ

THIZ is Heavily Inspired by ZeFRS

Big Tex

As the subtitle suggests, this work is inspired by ZeFRS, a role-playing system that is adapted from an original body of rules written by Dave "Zeb" Cook. This rulebook has been written and compiled by Big Tex

The author would like to extend a great thanks to Zeb Cook, as well as the author of ZeFRS, Mark Krawec. Additional thanks are due to everyone else involved in the ZeFRS project:

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If you're interested in reading more about ZeFRS, please visit the following links:

<http://www.midcoast.com/~ricekrwc/zefrs/> The ZeFRS project home  
<http://zefrs.proboards.com/> The ZeFRS Project Forums  
<http://forum.rpg.net/showthread.php?327143> ZeFRS Project thread  
<http://forum.rpg.net/showthread.php?206835> Where it all started

The author was not personally involved in the ZeFRS project and lays no claims of ownership to said body of work. The same can be said for the original work by Zeb Cook. Parts of this work, most especially the conflict resolution system and certain hazard rules are taken directly from ZeFRS itself. The author feels many other areas of the ZeFRS project have been modified enough to warrant a distinct publication.

This work may be freely distributed as long as it remains complete and intact, which includes this credits page. The text of this work is designated as "copyleft," which means it can be used, modified, and reproduced at no cost. It would be appreciated, however, if credit would be given to the original author, Dave "Zeb" Cook, and those involved in the ZeFRS project.

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# Introduction

While THIZ was inspired by a set of rules intended for a Swords n' Sorcery role-playing experience, THIZ strives to be a system that facilitates any and all settings and genres. The fluff is left to the Referee, while THIZ provides a full-fledged set of rules that strives to leave the players feeling powerful without bogging down gameplay. There are no races, very few restrictions with regard to magic, and a potentially limitless number of skills for player characters to master.

## The Obligatory Explanation of Role-playing Games

Many people reading this rulebook likely already know what a role-playing game is. For those who are not yet part of this fortunate group, a role-playing game is a shared narrative, in which all participants have an opportunity (and perhaps an obligation) to tell the story as it unfolds. Each character has a role not only in the party but in the world as a whole. Each player's actions, reactions to events, and interactions with non-player characters (NPCs for the uninitiated) coalesce to form a living world, a compelling backdrop for a grand adventure (or series of adventures).

THIZ fits into this picture by adding an element of order and providing a means to not only define each character but also their ability to act upon the world around them. This rulebook provides a means for the referee (sometimes referred to as the Game Master) to arbitrate contests or conflicts between different characters. The Referee is the player who tells most of the story, providing the backdrop and setting the stage for the other players. Each player is in control of one or more characters, who act as their avatars in the game.

## Requisite Supplies

You'll need a referee and at least one other player. A pencil and paper will be useful, as will the character sheet included at the end of this book. Additionally, you will need to be able to randomly generate a number between 1 and 100. This is normally achieved using a pair of ten-sided dice, often referred to as a d100, or percentile dice. This set of dice typically has one die with numbers

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from 10 to 100 and one die that ranges from 0 to 9, but alternately you could use two dice with a similar range of numbers, as long as they are of a different color, and you consistently designate one color to serve as one part of the percentage. Finally, you will need a copy of the resolution table that is included in this book. This is used to resolve any conflicts or contests between characters. Once a d100 has been rolled and a random number generated, this number will be used in conjunction with the resolution table to determine the level of success of a character's actions. Enough talk. Let's get to the game!

# Chapter 1

## Character Creation

Every player in THIZ needs a character, through which they interact with the other players and the referee.

### What Exactly is a *Character*?

As you may have guessed, this chapter intends to outline the process of creating a character. In order to create a character, it is necessary to understand what exactly defines a character in the world of THIZ. Characters in THIZ have a name and a homeland, both of which are mostly fluff; and a set of skills, which defines the limits of what they can do.

### Skills?

Skills in THIZ are probably the most complicated aspect of the game. This complication arises from the many subgroups they are divided into. Skills are first divided into three broad categories: **Hard Skills**, which are the skills that directly affect a character's combat prowess, and **Soft Skills**, which are the skills that help a character perform useful actions outside of combat, and **Magic Skills**, which are the skills that a character utilizes to manifest (hopefully) useful magical effects. Hard Skills are then divided into two categories: **Mettle**, which are the skills that a character uses to avoid or endure attacks and **Efficacy**, which are the skills that help a character perform physical attacks. Soft Skills are divided into three categories as well: **Expertise**, which are the skills that govern a character's intellectual ability and critical thinking skills; **Awareness**, which are the skills that a character uses to perceive the world around them; and **Body**, which are skills that delineate a character's physical abilities and athleticism.

A Rating of 0 in a Skill denotes average human ability in that skill. A Rating of 7 in a Skill denotes an expert-level ability in that Skill's purview. A Rating of



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30 is the highest a character can achieve, and represents the pinnacle of human achievement in that Skill's domain.

## Creating a Character

Usually a character begins with a concept. Would you like to play as a taciturn warrior who charges into the battlefield wielding two spiked shields, bashing their enemies until either he or they stop moving? A fast-talking necromancer with a weakness for drink and a fear of the sun? An unusually short archer with a seething hatred for the fair-skinned folk of *Dwyrain*? Coming up with a basic concept can sometimes be the most difficult part of character creation. Sometimes it may be easier to choose which skills you'd like your next character to have and come up with the concept later, but establishing a back-story for your character is an integral step in the character creation process. It may not be very fun for the other players if they have to adventure with "Guard #12." Record this back-story in the "The Story Begins" section of your character sheet. The following three sections will help you to flesh out this section.

### Your Character's Name

Coming up with a name for your character is also an important step in creating a character. As your character's fame (or infamy) grows, their name will often precede them, spreading across the land with tales of their exploits and derring-do. As such, it would be a good idea to ensure that the name is enjoyable to you and fits into the setting of your campaign. Often, a character with a single name and an eponym is sufficient. If you need inspiration, as either a player or referee, *Gary Gygax's Extraordinary Book of Names* is a great resource.

### Homeland

Your character's homeland is the place of their birth. This will affect the way they look, their customs, and their native tongue. Their homeland may also restrict the skills they start the game with. A character born in the capital city of a very industrialized nation may not have any need to learn the arts of Tracking, for example.

The homeland of your character is determined as much by the physical location of their birth as by the heritage(s) of their parents.

Your character is automatically proficient in the common language of their homeland, as well as any one language which their parents use to communicate. They can speak both of these languages, but they do not necessarily have to be proficient in reading or writing either of them. At the referee's discretion, one of these languages may be a sort of *lingua franca* used by all of the neighboring nations.

### Parents

Your character should have at least one parent or legal guardian, and while this book may refer to parents in the plural, it is perfectly acceptable for a character to have a single parent. Even if it's simply the matron (or patron) of a rural orphanage, at some point your character had someone else to care for or mentor them. Decide on a name for your character's parents, as well as their careers. Careers can be based on any of the skills listed Chapter 2, or can be some profession of your own creation. Keep in mind that, at character creation, your character will have to invest at least one skill point in a skill that represents one of their par-

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ent's careers. This is meant to represent the career path that your character would have chosen had they not heeded the call of adventure. As such, if their back-story dictates that they have some sort of mentor that isn't one of their parents, a skill may be chosen to represent that person's career.

Now that you've finished choosing a name, homeland, and some details regarding your character's parents, you can fill in the section on your character sheet that reads "The Story Begins."

### Your Character's Skills

Skills are the real meat of your character. They define the sum of your character's experiences and knowledge. At character creation, you have 20 skill points to allocate to your character. Each point may be exchanged at a 1:1 ratio to increase your rating in that skill. Each character begins with all skills at a rating of zero. You may allocate points to any skill in the table below as well as any skills that your referee may have added to the skill pool, with the following restrictions:

- You must allocate at least five points each on both **Hard Skills** and **Soft Skills**
- You may allocate no more than 5 points on any one skill
- You must allocate at least one point to skill representing a parent or mentor's profession
- You must not allocate points to any skills which your referee has deemed incompatible with the setting

There is an additional restriction on choosing Magical Skills: for each unique magical skill your character begins play with, you must choose a **Weakness** for that character to also possess. Weaknesses incurred for this reason should be chosen from the Mental or Magical Weaknesses. More information on weaknesses can be found in Chapter 3.

When choosing skills, you should also keep in mind that for your character to learn a new skill after character creation, you must spend 5 skill points to get a rating of 1 in that skill. To learn more about each of these skills, refer to Chapter 2, where each is described in detail.

To further customize your character, you may choose to give them **Weaknesses** or **Quirks**. These are described in detail in Chapter 3. Choosing a Weakness (beyond those you may have incurred for learning a magical skill) grants you 5 more skill points to allocate to your character. Alternatively, adding a Quirk to your character costs 5 skill points. As you may have guessed, Weaknesses negatively affect your character: they may restrict what other skills they may learn or impose penalties under certain conditions. Quirks, on the other hand, may provide small perks or skill boosts when making certain resolution checks.

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### Table of Skills

Hard Skills	Soft Skills
Mettle	Expertise
Reflexes [P] Speed [P] Strength [P] Toughness [P] Willpower [M]	Appraise [M] Artisan (Choose one) [M] Forgery [M] Knowledge (Choose one) [M] Lock-picking [M] Persuasion [M] Profession (Choose one) [M] Trade (Choose one) [P] Trapping [M]
Efficacy	Body
Dual-Wield [P] Grappling [P] Tactics [M] Unarmed Combat [P] Weapon Skill (Choose one) [P]	Acrobatics [P] Climbing [P] Sleight of Hand [P] Stealth [P] Swimming [P] Throwing [P]
Magic Skills	Awareness
Alchemy Artifice Druidism Insight Mentalism Necromancy Psychokinesis Reiki Shamanism Summoning	Animal Handling [M] Fast Talk [M] First Aid [M] Magic Sense [P] Navigation [M] Perception [P] Pilot (Choose One) [M] Pocket-Picking [P] Scrutiny [M] Seduce [M] Tracking [P] Weather Sense [M]

### General Skill Ratings

In addition to the actual skill ratings your character possesses, they also have three general skill ratings: **Physical**, **Mental**, and **Magical**. These scores are calculated by taking your character's rating in the appropriate skills, summing these ratings, and dividing the result by ten, rounding down. The skills in the above chart marked with a [P] contribute to your character's Physical rating, whereas those marked with a [M] contribute to their Mental rating. All Magic Skills contribute to their Magical rating.

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### Starting Equipment

A character in THIZ typically starts with very little equipment. They are just beginning their life of adventure, often setting out from home to seek better fortunes elsewhere. A character typically starts play with a single weapon, 1d8 gold coins, and two pieces of mundane equipment. This equipment could be anything from a piece of armor, to a length of rope (100 feet) and a grapple, to a set of tailor's tools, to a small horse or mule, or anything else of that sort.

### Luck

Every player character in THIZ is destined for greatness. As such, fate itself may intervene before the character can come to an untimely end. Of course, the character can forge their own destiny, and, at times, it seems their whims dictate the events that unfold around them. At character creation, the referee secretly rolls 1d10 for each player character. This number should not be revealed to the player, but the referee should remember this number for the duration of the campaign. To see how Luck can be used during play, please see the appropriate section in the chapter on **Character Advancement and Time Management**.

## Chapter 2

# Skills

This chapter discusses the various skills available to your character in greater detail. Those marked with an [M] or [P] contribute to a character's Magical or Physical general skill rating. All Magic Skills contribute to their Magical general rating.

With the exception of Magic Skills, which cannot be used unless a character has learned them, a character makes resolution checks using the higher between their rating in the appropriate skill or that skill's governing general rating (Physical or Mental). For example, a character with no rating in Unarmed Combat and Physical rating of 4 makes resolution checks for Unarmed Combat against a base rating of 4 (situational modifiers may affect this rating as any other). A character attempting to make a check against an Artisan, Trade, or Profession skill for which they must use their General Rating (they are untrained in said Skill) takes a -5 to that General Rating for their lack of specialized training or knowledge.

### Hard Skills

#### Mettle

##### Reflexes [P]

This is the skill that a character uses to quickly avoid traps or react to the events that occur around them, most usually in battle. This skill also increases a character's initiative score. Traps are discussed further in the chapter entitled **Hazards**.

If a character delays their action in combat and wishes to take an action *before* the event that they were waiting for, they must make a check against

their Reflexes rating at the moment they wish to act. On a Yellow success or better, this character may make that action. Otherwise, they take their action at the end of the initiative pass.

##### Speed [P]

This skill determines a character's movement speed, and is also used by characters to avoid enemy attacks. Movement speed is discussed in the chapter entitled **Movement**.

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### Strength [P]

This skill determines how heavy of an object a character can lift, as well as how heavy of a load they can carry on their backs as they travel. A character can lift overhead 100 pounds plus an additional 10 pounds for every point of Strength. A character can lift up to double this amount off the ground. If they are lifting 90% or more of their maximum load, they move as if they had a Speed rating of 0. They can move in this way for the same amount of time they can Sprint (see the chapter on Movement). Also similar to sprinting, they must rest for 30 minutes if they use up all of this time.

Additionally, characters receive a +1 bonus to melee attack rolls for every 10 full points they have in Strength (1 at 10, 1 at 15, 2 at 20).

### Toughness [P]

This is the skill that characters use to shrug off the effects of attacks they receive in combat, as well as the effects of poison or other hazards. The chapters entitled **Combat** and **Dangers** explain the use of this skill in more detail. This skill also governs how long a character can spend sprinting and jogging. See the chapter on **Movement** for more details.

### Willpower [M]

Willpower governs a character's ability to resist their internal compulsions and desires, as well as those that others may attempt to impose upon them. Characters usually use Willpower to negate or lessen the effects of their Weaknesses. Willpower may also help a character ignore certain magical attacks.

### Efficacy

#### Dual-Wield [P]

This skill allows a character to use a pair of any two one-handed weapons together in combat, usually attacking with both of them at once (see the chapter entitled Combat). A new instance of this skill must be learned and allocated its own points for each combination of weapons the character wishes to use. The character must also be trained in the use of both weapons.

For example, a character can put 3 points into Dual-Wielding [Rapier, Pistol] and 5 points into Dual-Wielding [Falchion, Axe] to get a rating of 3 and 5 in those skills respectively. When taking this skill, the character must list the two weapons such that the weapon they are wielding in their main hand is listed first. A character suffers a -2 penalty for wielding weapons in the wrong hand. A character may declare a spiked piece of armor as part of a weapon combination, if they are trained in its use.

#### Grappling [P]

This skill is used by characters when they grapple with or attempt to pin an opponent. Please see the chapter on Combat for more information on grappling.

#### Tactics [M]

This skill is for characters who wish to direct their ally's actions on the battlefield, informing them how best to defeat their enemies in any situation. Whenever three or more allies

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are in combat with a specific enemy, a character may use their combat turn to make a check against their Tactics skill. Based on their level of success, each ally in combat with that specific enemy at the time of this check receive a bonus on their next turn on any resolution checks involving combat with that enemy. This bonus is lost at the end of the next turn, and bonuses from multiple Tactics checks do not stack. The magnitude of this bonus ranges from +1 to +4, for Green through Black successes respectively.

### Unarmed Combat [P]

This skill is used by characters when they are attacking an enemy using a part of their body, eschewing the use of any weapons. Attacking in this manner normally cannot damage armored Adversaries. If a character has a Strength rating that is triple the Armor Bonus of the targeted area, however, they can deal damage to an armored Adversary. A character can mitigate this Strength requirement with the use of fist weapons, such as a cestus or spiked gauntlet. See the chapter on **Combat** for more information regarding Adversaries, as well as Unarmed Combat.

### Weapon Skill [P]

This skill is used by a character when they wish to attack or perform maneuvers with a weapon. A new instance of this skill should be chosen for every weapon the character is proficient in, each with its own rating determined by points that have been allocated to it specifically. Armor spikes are considered weapons for the purposes of this skill. Characters wishing to at-

tack with them should allocate points to this skill in order to use them effectively.

## Soft Skills

A good number of these skills can help the character earn money while outside of combat, especially in the time between campaigns. See the chapter entitled **Character Advancement and Time Management** in order to see how a character may earn money by pursuing a career.

### Expertise

#### Appraise [M]

This skill is used to appraise the value of trade goods and the works of artisans and craftsmen. A character that has a particular Artisan or Profession skill can check against their skill rating to appraise works (or materials) that fall under that skill's domain, but any character that does not have the appropriate profession or craft must use the Appraise skill to judge the value of an item. A character that has both Appraise and an appropriate Artisan or Profession skill may check against the higher of the two skill ratings, with a +2 bonus, in order to appraise something.

The level of success of this check determines the width of the price range a character may determine for a particular object. A Green success would result in a range that is  $\pm 20\%$  of the object's value, Yellow would result in  $\pm 10\%$ , Red  $\pm 5\%$ , and a Black success would give the object's exact value.



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### **Artisan [M]**

This skill is intended for character's that intend to pursue a more artistic profession. When learning this profession, a character must choose an artistic calling, such as Goldsmithing (making jewelry from gems and precious metals), Silversmithing (making silverware, flatware, hollowware, and other such items from gems and precious metals), Painting, Sculpture etc... A character may have multiple instances of the Artisan skill for each artistic pursuit they wish to follow. Of course, they must allocate points to each of these skills separately in order to increase their ratings.

### **Forgery [M]**

This skill governs a character's ability to create forged documents in any language they can read and write. In order for a character to forge a specific document, they must have a copy of that document to reference while creating the document. For each full 4-hour period a character has to work on their forgery, with a minimum of 1 (less than 8 hours) and up to a maximum of 6 (24 hours or more), they may make a resolution check against their Forgery rating. For each check, the player should write down a 1, 2, 3, or 4 for a Green, Yellow, Red, or Black success, respectively. After all checks have been made, the player should sum the numbers they have written down. This sum is the forged document's **Forgery Score**. A Forgery Score of 0 means the character has failed; otherwise, they have successfully created a forgery. The Forgery Score is important if another character attempts to discover the ruse.

A character wishing to create a forgery of the product of a artisan or tradesman, they must have the appropriate Artisan or Trade skill. The process of creating a forgery with one of those skills is identical to that of creating a forgery using this skill.

### **Knowledge [M]**

This skill represents the character's breadth of knowledge and experience with a subject. When learning this skill, pick any broad topic, such as a particular nation's (or world) history, battlefield tactics, herbalism, literature, etc... A character may have multiple instances of the Knowledge skill, representing their knowledge of different domains. As usual, they must allocate skill points to these skills separately in order to increase their ratings.

Whenever a character would search their breadth of knowledge for a particular fact, they may make a resolution check against their Knowledge rating for the topic under which that fact falls. The level of success required to remember a fact is determined by how specialized this particular fact is. For example, if a character wished to remember the minutiae of a particular year in a relatively unknown Classical poet's life, they would be required to make a Black success. At any other level of success, while they may remember something about that author's life or works from that year, they won't recall anything at the level of detail they may have hoped for.

### **Lock-picking [M]**

This skill is used by characters in order to open locked doors and containers. A character should make a check

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against their Lock-picking rating for each tumbler in the lock. Any level of success means that the character has successfully set the pin in that tumbler. A Green success means that this process took 1 minute, Yellow 45 seconds, Red 30 seconds, and Black 10 seconds (or lower, at the referee's discretion). A single failure simply means that the character must try to set that pin again. Two failures in a row resets all the pins that had been set, forcing the character to start picking the lock over again. If the setting supports this, three failures in a row triggers an external alarm of some sort, possibly alerting nearby characters.

### **Persuasion [M]**

This skill is used in order to convince a character (usually an NPC) to take an action that they normally wouldn't be inclined to, or to permanently change their viewpoint on a particular matter. A character usually refuses to take an action because of material, moral, or mortal concerns.

Convincing a character to take an action that would cause them a small material loss will take a Green success, whereas an action that would incur a greater loss of wealth or other possessions would take a Yellow or Red success, depending on the magnitude of the cost. A Black success would only be required to convince a character to take an action that would cause them to lose the entirety of their wealth.

Convincing a character to take an action that is against the tenets of their culture or religion might require anywhere from a Green to Black success, depending on the fervency of their beliefs, and the level of taboo that particular action holds. Convincing a zealot

to make even a small slight against their god might take a Black success, while convincing a casual believer to condemn themselves to damnation might take a Red success. Cultural norms are usually easier to get a character to ignore, and so a Black success would likely only be required for something as grave to them as murder is to most cultures.

Convincing a character to take an action that would put themselves or a family member in mortal danger might take a Red or Black success, depending on how assured their destruction seems. Convincing them to put a stranger in mortal danger might take a Yellow or Red success, also depending on how assured their destruction seems. If a player roleplays their speech to the character particularly well, the referee may decide to lower the required level of success, at their discretion. Also at the referee's discretion, this skill may be checked against in order to move a crowd with a speech.

### **Profession [M]**

This skill is for characters who wish to pursue a career in a more "learned" field, such as Education (educating others), Mathematics, Engineering, Architecture, Surgery, Butchery, etc... A character may have multiple instances of the Profession skill for each intellectual pursuit they wish to follow. Of course, they must allocate points to each of these skills separately in order to increase their ratings.

As Surgery falls under this skill, please see the chapter entitled **Combat** in order to see its possible uses.

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### Trade [P]

This skill represents a character's knowledge of and ability in a tradeskill, such as Woodworking, Carpentry, Plumbing (if setting-appropriate), Blacksmithing, etc... Professions that fall under this skill's purview are those that are typically considered "blue-collar." A character may have multiple instances of the Trade skill for each trade they wish to pursue. Of course, they must allocate points to each of these skills separately in order to increase their ratings.

### Trapping

This skill is used by characters who wish to construct and lay traps. This skill also represents a character's knowledge and intuition of where best to lay traps. This skill can be used to construct or detect outdoor traps for creatures up to human size. Spike pits, snares, and net traps fall under the umbrella of this skill. Indoor or mechanical traps are not governed by this skill, which would more likely fall under Engineering (a subset of Profession).

If the trap is intended to catch unintelligent prey, the referee makes a check against the character's Trapping rating, and they catch some sort of prey on any degree of success. The quality and/or quantity of prey increases as the level of success gets greater.

### Body

#### Acrobatics [P]

This is a skill that is used by characters that wish to jump across gaps or over

obstacles. This skill would also be used if a character wished to swing from a rope or perform any other such stunts. Please see the chapter entitled **Movement** for more information regarding Acrobatics.

A character wishing to long jump may make a resolution check against their Acrobatics skill. For a standing long jump, the character can jump 8, 9, 10, or 11 feet, for Green through Black successes respectively. If the character can run at least their jogging distance before attempting the long jump, they can jump 20, 22, 24, or 26 feet, for Green through Black successes respectively.

A character attempting a vertical jump from standing can reach heights of 32, 34, 36, or 38 inches, for Green through Black successes. A character that can run at least their jogging distance before attempting a high jump can reach a height of 60, 68, 76, or 84 inches for Green through Black successes.

#### Climbing [P]

This skill is used by a character when they are scaling towers or large walls. Any character can climb a short distance, but for a character to successfully climb for an extended period of time over a large distance, they need some knowledge and experience. The chapter on Movement has more information regarding climbing.

#### Sleight of Hand [P]

This skill governs the ability of a character to successfully make an object appear or disappear from within one of their pockets. The difficulty required for a character to hide or re-

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veal a particular object successfully depends on the size of the object, according to the referee's discretion. Something discrete like a coin may require only a Green Success, whereas something the size of a human head or larger would require a Black success. Any level of success below the threshold established by the referee means that the item was spotted, at least in passing, by a nearby character that was actively observing the character attempting to use Sleight of Hand. The implications of this observation is up to the referee's discretion. A failure means that the character has dropped the item.

A character may also attempt to cheat at a game of chance with their Sleight of Hand skill. Any level of success means that their cheating has so far gone undetected. Whenever a character makes a Sleight of Hand check, subtract the highest Perception rating among all the characters who are actively observing the character making the check.

### Stealth [P]

This skill allows a character to attempt to hide from others or move unseen. A character wishing to use stealth to move must make a check against their stealth rating minus the highest Perception rating among all the characters actively searching for them (but not currently looking at them). If they succeed, they may move up to 1, 2, 3, or 4 (for a Green through Black success, respectively) times their walking speed before they must make a stealth check again. On a failure, they have been spotted. A character automatically fails a stealth attempt if they are being directly observed by a character that is searching for them or would immedi-

ately reveal their location to someone searching for them. If they are currently being observed, they must first move out of sight before attempting stealth.

If a character is attempting to hide from someone pursuing them, that person doesn't currently have them in sight, they make a check against their stealth rating to enter a hiding spot, hide an object they are holding, or hide a character that is adjacent to them into a hiding spot of sufficient size that is nearby.

For each full one-minute period the character has to attempt to hide, they may make a resolution check against their Stealth skill. They may make a minimum of 1 check (if they have less than two minutes to hide) and a maximum of 6 (they have 6 minutes or more to hide). As the player makes each of these resolution checks, they should write down a 1, 2, 3, or 4 if they achieved a Green, Yellow, Red, or Black success, respectively. After all checks are made, the player should sum these numbers. This sum is the character's **Hide Score**. A Hide Score greater than 0 means the character has successfully hidden whatever it is they were attempting to hide. A Hide Score of 0 means the character has failed. The Hide Score is important if another character attempts to find the hidden character or object.

See the description of the skills **Perception** and **Scrutiny** to learn more about spotting a character that is hidden.

### Swimming [P]

Without this skill, a character can only tread water or doggy paddle in the water. In order to move any apprecia-

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ble distance in the water, or to stay afloat for an extended amount of time, a character must have a rating above 0 in the Swimming skill. Please see the chapter on Movement for more information.

### Throwing [P]

This skill is used whenever a character attempts to throw a non-weapon object across any distance. A character can make a check against this skill to throw a 16-pound object 64, 68, 72, or 76 inches on Green through Black successes, respectively. This distance is inversely correlated to the object's weight. If the object were to double in weight, the possible distance it could be thrown would be halved.

This skill is meant to represent the maximum possible distance a character could throw an object, with ample time to prepare themselves for the throw. If this skill were to be used for combat in an improvised manner, an object of any size can only be thrown a quarter the distance it could normally be thrown.

### Awareness

#### Animal Handling [M]

This skill is used by a character to train and command animals. This skill is most often used to control a mount in abnormal situations. To get a mounted creature to move towards a foe or obstacle that it is terrified of (most usually an exotic or supernatural beast), the character makes a check against their Animal Handling rating. On any level of success, the creature will move towards the foe, but at a maximum rate of 1/4, 1/2, 1, or twice its move-

ment speed, for a Green through Black success, respectively.

A character with this skill can rear an animal from birth, training it for any sort of purpose they wish (as long as the referee feels that purpose is not too complex for its intelligence). This training takes a period of one year for the creature to obey without fault or hesitation. This training can occur as the character travels on adventures, as long as the creature accompanies the character.

#### Fast Talk [M]

This skill is perfect for characters who wish to master the art of the grift. This skill is used by a character to convince another character of a fact that they would not otherwise believe to be true. A character who has been duped by a successful use of the Fast Talk skill will realize the deception after 10+1d10 minutes. The level of success require to successfully swindle another character depends on the believability of the lie, at the referee's discretion. The difficulty can also be lowered one step if the character has role-played their attempt particularly well, also at the referee's discretion.

#### First Aid [M]

This skill is used by characters to quickly heal minor wounds that they or other characters have incurred during their adventures. Please see the chapter on Combat to read more about recovering from damage.

#### Magic Sense [P]

This skill is used by characters who, by some means or another (most likely

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due to some physical mutation or knowledge of telltale physical clues), are able to identify magical effects and magic users themselves. A character with points in this skill will be able to detect magical effects or objects at a distance of 10 feet \* their rating in this skill. Additionally, a character may make a check against this skill in order to determine if another character has any magical abilities. A Black success can detect a character with the tiniest vestige of magic (a rating of 1 in a single magical skill), whereas a Yellow success can detect a character with a rating of 5 or higher in a single magical skill, Red can detect a character with a rating of 9 or higher, and Green can detect a character with a rating of 15 or higher in a single magical skill or a general Magical rating of 1 or higher. A character using this skill simply knows that something is magical, they have no knowledge (through of this skill) of the nature or strength of that magic.

### Navigation

This skill allows characters to find their bearings while traveling. The level of success required to successfully reach a destination is determined by the number of known landmarks along the way and how cloudy the sky is (whether the sun is visible if traveling by day or an appropriate number of stars is visible if traveling by night). This skill can also be used to determine which direction the character is currently facing at night (a trivial task during the day if the sun is visible, impossible by use of this skill otherwise). To gain their bearings at night, a character must simply make a check against their Navigation rating at any level of success. Otherwise, on a failure, the character

mistakenly believes they are going the direction they desire. The referee randomly determines which direction they are actually traveling.

### Perception [P]

This skill is used whenever a character needs to quickly spot any feature in their surroundings, such as an approaching character at the top of a hill, an ambusher's elbow poking out of a nearby bush, or the telltale signs of a trap. The level of success required to spot an approaching character or party depends on the size of the party and the distance and environmental conditions between them. It is up to the referee's discretion if a character's check against their Perception check is sufficiently successful to spot the approaching party immediately.

A character may also attempt to use Perception to immediately spot a character or object that they believe is hiding in the room. A character wishing to do so must make a check against their Perception rating. The player should write down a 1, 2, 3, or 4, for a Green, Yellow, Red, or Black success, respectively. If this number exceeds the Hide Score (see the section on **Stealth**) of the hidden object or character, they have found it. Otherwise, they must resort to use of the Scrutiny skill.

A character can also check against their Perception rating to survey their surroundings for interesting information. The referee should describe their surroundings in greater detail as their level of success increases.

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### Pilot [M]

This skill governs a character's ability to pilot a craft or vehicle. Upon learning this skill, the character should name a specific class of vehicle, such as schooner, brigandine, or perhaps helicopter or tank in a more technologically advanced setting. For vehicles that the referee decides are sufficiently complicated, a character without the appropriate Pilot skill cannot pilot them whatsoever.

A character may have multiple instances of the Pilot skill for each type of vehicle they wish to be able to pilot. Of course, they must allocate points to each of these skills separately in order to increase their ratings. See the chapter entitled Movement to learn more about the specific rules concerning vehicles.

### Pocket-Picking [P]

This skill is used to remove (or occasionally add) objects from the pocket of another character, most often coins or other valuables. A character can make a resolution check against this skill in order to pilfer an object from another character. On any level of success, they have successfully picked that character's pockets. In the case of coins, on a Green success, they have stolen 40% of the coin that character is currently holding; on a Yellow success, 60%; on a Red success, 80%; on a Black success, 100%.

A character can attempt to use pocket-picking to place an object small enough to fit in the palm of their hand into the pockets of another character by making a check against their Pocket-Picking rating. They successfully do so at any level of success on

this check.

Normal failure simply means that the character was not swift enough and could not reach into the other character's pocket. If the player rolls 96-100, however, their pocket-picking attempt was not only unsuccessful, but was also detected by their intended target.

### Scrutiny [M]

This skill represents the character's ability to search for clues, find hidden objects, and examine objects or documents to determine their authenticity. If a character wishes to search for a specific clue, they should use this skill. A character that does not know what they are searching for cannot find it with this skill, and should use Perception to survey their surroundings for anything. To represent the difficulty of finding the clue, the referee should establish an integer, with 1 representing a trivial search and 24 representing a monumental undertaking. This may very well be the **Hide Score** of someone using the Stealth Skill. See the section on **Stealth** for more.

The player should make a check against the character's Scrutiny rating, noting a 1, 2, 3, or 4 for a Green, Yellow, Red, or Black success, respectively. Subtract this number from that representing the difficulty of the search. If the difficulty is now 0 or lower, the search was successful. Else, the character may continue making checks in this manner until the difficulty has been reduced to 0 or lower, at which point they have found the clue. Each check represents 1 + 1d4 minutes passing as the character searches for the clue. Of course, at the referee's discretion, an event that prevents the character from continuing to

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search may happen at any time, and so the passage of time should be calculated between each resolution check.

If a character wishes to find a hidden character or object, or discover a forgery, the process is very similar to that of finding a clue, the only difference being that the difficulty is replaced with a **Hide Score** or **Forgery Score**, as appropriate. Also, in the case of discovering forgeries, each check represents 1+1d4 hours of Scrutiny, rather than minutes.

### Seduce [M]

This skill is used by a character to use their appearance and wiles to get a character to lower their guard or act in a manner that may get them into legal or personal trouble afterwards. A character cannot seduce another character that is not normally attracted to their gender or race, and they cannot use Seduce to get them to do something they would never possibly do otherwise. A character requires a Green success to Seduce a character that is already friendly towards them, a Yellow success to seduce an acquaintance, a Red success to seduce a stranger, and Black success to Seduce someone that dislikes them. Someone who has a deep personal hatred for the character or is currently in combat with the character cannot be seduced by them.

### Tracking [P]

Tracking is the art of finding and following a trail left behind by some sort of quarry, whether human or animal. When a character wishes to follow the trail left behind by another character, they must make a check against their Tracking Skill. Any level of success

means they have found some sort of trail they can follow.

A character with training in the Tracking skill may use their knowledge to attempt to hide their trail. They must make a check against their Tracking rating. On any level of success, any pursuers must subtract this character's Tracking rating from their own when making a check to follow the trail.

Characters using the Tracking skill move at a reduced rate of speed due to the additional effort of following or hiding a trail. On a Green success, they can travel at 25% of their normal rate of movement. This speed increases by 25% with each additional level of success, up to 100% on a Black success.

For every full hour a trail is cold, any character wishing to follow it suffers a -1 to their Tracking rating when making the skill check. Weather, terrain, and the number of characters traveling together may also add or subtract from the pursuer's Tracking rating, at the referee's discretion.

### Weather Sense [M]

A character may make a resolution check against their Weather Sense rating to determine the weather conditions for the next 12 hours. A Green success or better will allow them to determine the type of precipitation coming (if any), and a Red success or better will also inform them of the general amount of precipitation (if any). A Yellow success or better will also allow them to determine wind speed and direction. A character may make a Weather Sense check every 6 hours.



## Magic Skills

Magic skills are placed into their own category since they have utility both inside and outside of battle. Each Magic Skill's description will give a brief summary of the sort of effects that fall under the scope of that skill, as well as a list of example effects and the level of success required to manifest that effect. This level of success will be noted by a [G] for a Green Success, [Y] for Yellow, [R] for Red, and a [B] for Black. Players should note that the stresses of battle are not conducive to intricate spells or rituals, and that magic used in combat generally causes diminished effects for a shorter duration than magic used outside of combat. Players should also keep in mind that checks can be made against a particular Magic Skill in order to identify whether something is the effect of that magic skill. Please see the Chapter entitled **Magic** in order to learn more about how magic is used both in and out of combat.

### Alchemy

This skill is the one of the few magic skills that has little use in combat. It allows a character to transmute metals from one to another, and to brew potions and other magical concoctions. In order to transmute a metal, the character must have a significant amount of the metal in question, and any appropriate reagents dictated by the referee. Depending on how exotic the base metal and the desired metal are, these reagents may be rare enough to require the alchemist to pay an exorbitant sum or go on a quest.

If the character has the proper materials for a transmutation, they may

make a check against their Alchemy skill. Their transmutation attempt has an efficiency as indicated in the list below, according to their level of success. This efficiency is given as a percentage of mass transmuted. If, for example, a character is attempting to transmute 30 ounces of *Oolite* into Platinum, a Green success would result in 3 ounces being transmuted, and the rest destroyed in the attempt.

#### Example Alchemy Effects:

- 10% transmutation efficiency [G]
- Sleeping potion or powder [G]
- Vomit-inducing philter [G]
- Gas that evokes feelings of love [Y]
- Gas that causes intense vertigo [Y]
- 40% transmutation efficiency [Y]
- Knockout gas [R]
- 70% transmutation efficiency [R]
- Deadly vapors [B]
- 100% transmutation efficiency [B]

### Artifice

A character can use Artifice to imbue crafted objects with magical effects. They can also use Artifice to create Golems, mindless objects that are suited for automatically performing simple tasks, and Egos, items that have a mind of their own. Using artifice in combat imbues items that already exist with temporary effects that last on the order of a few combat turns. Using artifice outside of combat is done alongside another skill, usually Blacksmithing, Goldsmithing, Sculpture, or Woodworking, and results in an object that is permanently imbued with some magical effect.

#### Example Out-of-combat Artifice Effects:

- A child-sized Golem that slowly moves light objects from one place

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to another [G]

- An object that permanently casts off a dim light [G]
- An object that glows in the immediate presence of a particular creature [Y]
- A ring that gives a +1 to a single soft skill [R]
- A weapon that always adds +2 to its wielder's attack roll [R]
- Armor that provides a +2 against a specific damage type (like piercing) [R]

### **Example In-combat Artifice Effects:**

- Repairing a nearby broken weapon or piece of armor [G]
- Making a single piece of armor provide +1 against a specific damage type for 1+1d4 turns [G]
- Making a single weapon add +1 to its wielder's Attack Bonus for 2+1d6 turns [Y]
- Making all nearby swords sharper, adding +1 to their wielders' attack rolls for 1+1d4 turns [R]
- Imbuing a weapon with fire, adding a chance to set enemies ablaze for 1+1d4 turns [R]

Black successes could cause effects similar to those above (in or out of combat), but at greater magnitudes, left to the referee's discretion.

### **Druidism**

Druidism is borne of a spellcaster spending much time in nature, communing with the spirits of the forest. As such, Druids have a modicum of control over the plants and animals they encounter in the wild. Of course, creatures that are disharmonious with nature, such as demons, creatures from

another plane of existence, or manufactured creatures do not fall under the purview of the Druidism skill.

### **Example Out-of-combat Druidism Effects:**

- Sense nearby animals [G]
- Ask a single simple question of the surrounding trees [G]
- Command a nearby animal to carry out a simple duty [Y]
- Repel all nearby animals from your presence as you travel [Y]
- Command a nearby monstrous creature to carry out a simple duty [R]
- See through the eyes of a nearby creature [R]
- Communicate through the mouth of a nearby creature [B]

### **Example In-combat Druidism Effects:**

- Pacify a nearby animal [G]
- Cause a nearby root to trip a character [G]
- Cause roots and grasses to reduce the Speed of nearby characters by 2 for 1+1d4 turns [Y]
- Cause a nearby animal to fight for your side [Y]
- Cause roots and grasses to reduce the Speed of nearby enemies by 2 for 1+1d4 turns [R]
- Cause a nearby neutral monstrous creature to fight for your side [R]
- Cause a nearby tree to rise and fight for your side [B]

### **Insight**

Insight is the art of gleaning information about events that are distant in space, time, or both. This information could be the result of divine revelation or just a spellcaster's natural

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ability. In order to manifest an Insight spell effect that targets a specific person, the caster must have an object that is connected to that person in some way (they previously owned it, it was once a part of their body). If a spellcaster uses Insight to glean information about the future, it is dependent on the referee's discretion and the setting as to whether or not this future can be changed.

### Example Insight Effects:

- See OR hear an event distant in space OR time [G]
- See OR hear the events currently happening around a specific target [Y]
- See AND hear an event distant in space OR time[Y]
- Ask a deity or other external force for advice [R]
- Predict a future event or the outcome of an impending choice/conflict [B]

## Mentalism

Mentalism is what allows a spellcaster to move *information* from one mind to another. This includes, but is not necessarily limited to, reading minds, communicating telepathically, mind control, and creating illusions. The range in which a spellcaster can use Mentalism on another character is about the size of a large city. If the spellcaster has a very strong personal connection with the intended target, they may be able to communicate telepathically outside of this range. The complexity of a task, as well as a target's inclination to carry out such a task, may increase or decrease the required level of success to force them to perform that task, according to the referee's discretion.

In combat, a Mentalist can also make a target feel as if they have suffered a wound. This ability can be used on any character within range. Such a wound is identical to any other wound, except that its effects last until the character has spent 10+1d10 minutes resting outside of combat. A character who wishes to use mentalism on any character in combat must make a check against (Mentalism - target's Willpower). The spellcaster may then inflict a wound on the target equal in magnitude to their level of success, on a body area of their choice. Alternatively, they may impart an effect similar to those in the "In-combat" chart below.

### Example Out-of-Combat Mentalism Effects:

- Speak to a specific target telepathically [G]
- Read the mind of a willing target [G]
- Detect the presence of nearby sentient creatures [G]
- Visit a target in their dreams, capable of only speech [Y]
- Cause a character to carry out a simple task of your choice [R]
- Read the mind of an unwilling target [R]
- Cause a lingering illusion to manifest itself in an area [B]

### Example In-Combat Mentalism Effects:

- Grant yourself a +2 to avoid a specific character's next action [G]
- Cause a character to ignore you as an attack target the next 1+1d4 turns [Y]
- Grant yourself a +2 to avoid all attacks for the next 1+1d4 turns [R]
- Pacify a character for 1+1d4 turns [B]

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### Necromancy

Necromancy is one of the more perverse arts a spellcaster can pursue. It is the art of raising and forcibly commanding the dead. Necromancers can resurrect recently fallen foes and force them to fight by their side for a short time. Or they can resurrect a long-dead pirate king, forcing him to reveal the location of his buried hoard. Necromancers can also use their dark arts to weaken the living in melee range, sapping their life force with nigromantic magics. In order to contact a specific spirit, or to raise any creature bodily from the dead, the spellcaster must have a piece of their body or an object they were very strongly emotionally attached to.

If a spirit is contacted, they will be compelled to answer any three questions asked by the spellcaster, but they may choose to answer additional questions beyond the first three. Spirits are tied to a physical location or object, and if the spellcaster leaves the area or object, the spirit will dissipate and must be re-conjured.

If a dead character (human or animal) is resurrected bodily, they will perform a single deed (limited by the mental, physical, and magical characteristics they possessed in life) for a limited amount of time (if they are repeating a simple task or it has end state, such as collecting firewood indefinitely or standing guard) or until completion (if the task has an end state, such as moving a set amount of cargo to a set location or painting a house), after which they will die once more. Human characters that are resurrected again will be hostile to the spellcaster, and must be convinced or coerced to act (perhaps through Mentalism).

Attempting to cast any Necromancy spells, regardless of success, causes the character to suffer a Green wound.

#### Example Out-of-Combat Necromancy Effects:

- Contact a nearby random spirit, capable of answering Yes/No questions [G]
- Conjure a specific spirit, capable of answering Yes/No questions [Y]
- Contact a random nearby spirit, capable of answering any question [Y]
- Resurrect a large natural animal or monster for 1+1d4 hours [R]
- Resurrect a human for 1+1d4 hours [B]

#### Example In-Combat Necromancy Effects:

- Cause a nearby skull or other skeletal remains to move about, filling nearby sensible foes with Terror (see the chapter on Magic) [G]
- Cause a character to suffer a Yellow wound [Y]
- Conjure a black cloud with a 15-foot radius that causes all characters to suffer -2 to their Speed while within and for 1+1d4 turns afterward [Y]
- Cause a nearby uncontrolled undead or spiritual character to come under your command for 1+1d4 turns [R]
- Resurrect a human foe that has died in this combat; it will attack the nearest character, whether former friend or foe [B]

### Psychokinesis

This skill governs a character's ability to move objects with sheer force of will. This skill is unique in that its

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use in and out of combat is essentially the same. Characters with this skill are theoretically capable of moving objects of any size at any speed, but their ability to do so is limited by their confidence, experience, and ability to visualize such movements. Characters using this ability are not normally capable of fine manipulations, such as engraving jewelry or defusing a bomb (although a Black success can achieve almost anything). Characters with this skill receive a +2 to all checks to attack with a thrown weapon.

If a character desires to move (or stop) an object or character, they may make a check against Psychokinesis or (Psychokinesis - target's Speed) in the case of a moving target. They can effect a change in the object's momentum, in foot-pounds per second, equal to 50, 100, 200, or 400, whether they achieve a Green, Yellow, Red, or Black success, respectively. The object will maintain movement with their new momentum as long as the character can see the object and maintains concentration on the object, forgoing any other actions. If their concentration is broken forcibly, such as if they suffered a physical blow, the object begins moving as it would naturally, most likely under the effect of physical laws such as gravity. If they chose to end their concentration willingly, they may choose to let the object fall or make another check against Psychokinesis if they wish to hit a specific target. Of course, they must make a check against (Psychokinesis - target's Speed) if they wish to hit a target capable of avoiding the attack. The level of success to hit the target depends on the target's size relative to the projectile being moved, according to the referee's discretion.

In times of great desire or desper-

ation, a character can achieve a momentum far greater than those indicated above for their level of success, although they will incur a physical toll afterwards (such as a Yellow wound, a temporary stun, or falling unconscious) as adjudicated by the referee.

### Reiki

Reiki is the skill of manipulating the flow of latent magical energy present in all beings. Characters using this skill must be within melee range in order to affect another character with it. If they wish to heal a character, they must get within melee range of that character, declare which body location they wish to heal, and make a check against Reiki. They heal the character of one wound that is of equal or lower magnitude to their level of success (a Yellow success heals a Yellow or Green wound).

In order to damage an enemy using Reiki, a character must first roll to hit the enemy character using their Unarmed Combat skill. They then make a check against their (Reiki - target's Toughness) skill, inflicting a wound to their enemy equal in magnitude to their level of success.

### Shamanism

Whereas Necromancy is the skill of dominating the undead and subjugating them to the spellcaster's will, Shamanism is the skill of interacting harmoniously with the undead. That being said, Shamans cannot coerce the dead to act in any way, so their relationships are often those of mutual benefit. They can, however, incapacitate unruly spirits or corporeal undead. They can do the same to controlled

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undead, but they must make a check against (Shamanism - the Willpower of the undead's controller).

Characters that practice Shamanism are skilled in the art of conferring with the spirits of the dead, and many Shamans often allow spirits with whom they have a deep personal bond to possess their bodies for a short time. Masters of this skill may also enable a spirit to manifest itself physically in their presence. In order for a Shaman to induce these magical effects, they must be holding an object to which a spirit has strong ties, and the spirit itself must allow the spellcaster to do so.

The spirits that a Shaman interacts with are characters for all intents and purposes. They have skills, and probably quirks and weaknesses as well. When possessed by a spirit, a Shaman receives a bonus to all the skills in which a spirit has a rating (positive or negative), equal to 1/2 the magnitude of that rating. A spirit that is physically manifest has all the skills it possessed in life, and can use them to act on the outside world. A Shaman typically must go on a harrowing quest to find an object to which a spirit has strong ties. The referee (and possibly the player) should take time to flesh out a spirit's skills, personality, and desires, as they will likely be the Shaman's close companion.

The effects that can be achieved by making a Shamanism check are similar whether the character is in or out of combat. In combat, manifesting a spirit has a duration on the order of turns, whereas it lasts on the order of hours out of combat. If a spirit enters or leaves combat, convert the units of time they have left from hours to turns (or vice versa, as appropriate) at a one-to-one ratio.

### Example Shamanism Effects:

- Detect nearby spirits [G]
- Speak with nearby spirits [G]
- Incapacitate undead for 1+1d4 turns [Y]
- Allow a spirit to possess the caster [R]
- Allow a spirit to physically manifest for 2+1d6 hours/turns [B]

### Summoning

A Summoner is a magician adept at contacting and summoning beings from beyond their own plane of existence. Frequently referred to as *demons*, these unnatural creatures are usually powerful and almost always malign. Drawn from the innumerable realities outside our own, these creatures possess powers as diverse as the caster can imagine. Summoning will require rare, often costly reagents. It is not unusual for an aspiring Summoner to go on a dangerous quest in search of these infernal materials.

A Summoner most often employs their craft when in need of assistance with a specific task. In order to call a creature from beyond the veil, a Summoner should make a check against their Summoning skill and state what task they wish for that creature to accomplish. Most often, something suited for that task will appear. Creatures summoned in this manner, however, are always unwilling to perform the duty asked of them by a summoner; in fact, they are often rancorous at the inconvenience of being taken from their home. As such, a Summoner should ensure that it can either placate or destroy whatever they may summon.

In order to placate a summoned creature, the Summoner should have a

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gift of some sort. For lesser demons, this may be as simple as a shiny object or the souls of the Summoner's enemies (if summoned to do combat). Demons of greater import, however, are proud, and will require much more of the Summoner. Most often their service will come at great cost to the Summoner – an eye or the Summoner's soul, for instance. Alternately, they may be interested in exotic or intricate devices, a personal favor from the Summoner, or perhaps a slave that the Summoner has managed to capture.

Summoned creatures are not of the Summoner's world. As a result, they will inevitably be drawn back to their dominion. A more successful summoning can tie a creature to the Summoner's plane for a longer period of time. Additionally, unfortunately for the Summoner, a greater success when summoning will draw a creature of greater power (and pride). Such a baleful art does not come without its many risks. If a Summoner rolls a 96-100 on their Summoning check, whatever they summoned is horribly maddened or angered by the summoning. This creature will immediately attack the Summoner, and will stop at nothing to kill them. It will chase the Summoner tirelessly, utilizing whatever abilities and cunning it has at its disposal, and will only stop when one of them is dead.

### Example tasks for Summoned creatures:

- Shadow someone for the Summoner, spy for a short time, transport the Summoner or an object [G]
- Fight with natural or manufactured weapons, stand guard for 1+1d4 hours, intimidate those around the Summoner [Y]
- Fight with a magical weapon or limited magical ability, teach the Summoner unknown Lore, stand guard for 1+1d4 days, use a Skill for the Summoner at an expert level (a score of 7) [R]
- Teach the Summoner a new Skill, stand guard for 1+1d4 years, fight with magical skills, disguise as another person for 1+1d4 years, imprison someone eternally [B]

## Creating Skills

As the setting demands, the referee could create additional skills for characters to take. These skills should function similarly to skills, in that the skill can possess a rating that affects the character's success as a skill. If the referee wishes to add something they think should be a skill, but a "rating" doesn't quite make sense for it, perhaps the addition should be made to be a Quirk or a house-rule.

## Chapter 3

# Weaknesses

This chapter discusses the various weaknesses a character can possess. Weaknesses are divided into three categories: **General Weaknesses, Mental Weaknesses, and Magical Weaknesses**. General Weaknesses represent weaknesses of the character's body, whereas Mental Weaknesses are quirks of the character's personality or thinking process that adversely affect their interactions with others. Magical Weaknesses are representative of the adverse effects of studying and performing magical arts.

As stated in the chapter on Character Creation, choosing to give your character a Weakness at that time grants you 5 additional Skill Points (per Weakness chosen) to allocate towards your character's starting skills. A player choosing to give their character a weakness for this reason may only choose General or Mental Weaknesses for their character.

Also discussed in Character Creation are the Weaknesses incurred for possessing Magical Skills. For every Magical Skill a character begins play with (and every Magical Skill they learn thereafter), they must incur a Weakness. These Weaknesses should be chosen from those denoted as Mental or Magical Weaknesses.

The player (and referee) should keep in mind that certain Weaknesses may preclude training in particular Skills, and may prevent their use entirely. The player should also keep in mind that they will be expected to play their character as if they actually possess these Weaknesses. While possibly challenging, this can make for engaging and interesting characters and gameplay.



## General Weaknesses

### Allergy

The character has a serious and violent allergy to a substance. When choosing this Weakness, the player should name a substance that is common enough for this to truly be a Weakness, but not something that will kill the character immediately. If the character should ever come into close proximity with their allergen, they must test Toughness. On a failure, they suffer the effects of their allergy, depending on the method of contact. Skin contact with their allergen results in an unsightly, painful rash. They take a -3 to all Skills involving the use or movement of that area of their skin for 1d10 hours. For example, an allergic reaction on one's arms would result in a -3 to most Weapon Skills, Trade/Artisan/Profession Skills, etc. If a character were to accidentally swallow their allergen, however, the consequences could be much more dire. If they were to fail their Toughness check in this situation, their eyes will swell shut and their airway will close. Unless they (or another character nearby) can quickly induce vomiting or perform some sort of medical procedure, they will begin suffocating. Please see the Chapter on **Hazards** for more information about suffocation damage. Even if a character were to prevent their death by suffocation, their puffy eyes give them a -5 to any tasks requiring sight for 1d6 hours.

### Color Blind

Characters with this Weakness have an inability to distinguish between different colors. This may result in a -3 to using Perception to detect subtle

differences in shade (such as when a hidden enemy is wearing camouflage). This may also result in ridicule or ire when the character fails to coordinate the colors of their own outfit.

### Missing Limb

The character is missing a limb. While this will certainly hamper the character physically, the player (*and referee*) should keep in mind that this Weakness could have social implications as well. Characters with this Weakness suffer a -5 to all uses of a Skill that requires the use of both arms. While a character missing a limb can learn to do many things that an able-bodied character can do, Dual-Wielding is expressly forbidden for a character missing an arm. A character missing a leg that does not have some sort of prosthetic is considered to have a Speed of -2, regardless of their original rating in that Skill. A character in an appropriate setting with a prosthetic that functions as well as the missing limb is no longer considered to have this Weakness.

### Night-Blind

A character with this Weakness cannot see very well (or at all) at night. Characters with this Weakness cannot use Navigation to travel at night, and they suffer a -2 to any action requiring sight performed at night.

### Physically Dependent

The character requires some sort of substance to function normally, at the player's discretion. Perhaps they have an illness that requires frequent consumption of *Degrik* leaves. Perhaps they have abused Synthehol for too

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long. Whatever the reason, if the character goes more than three days without consuming this substance, they suffer a -1 to all Skills. Every two days thereafter, this penalty increases by 1. If the character's Toughness skill reaches a rating of 0, they go unconscious. If their Toughness Skill reaches a negative value equal to its original rating, they die.

If the character begins ingesting this substance again, the penalty is reduced by 2 for each day they consume it, until it has been reduced to 0. If the penalty reached a magnitude over 3, they suffer the excess as a permanent reduction to their Toughness Skill. For example, if the character went 11 days without meeting their needs, they will have suffered a -5 to all Skills. Once they satisfy their itch and reduce the penalty to 0, their Toughness Skill is nonetheless permanently reduced by 2.

### **Reckless**

The character is a person of action. Unwilling or unable to stop and think of the consequences of their actions, they often leap into the maw of danger. Characters with this Weakness cannot pass up their turn in combat if physically able to act, nor can they delay an action.

### **Silent. Possibly Deadly.**

A character with this Weakness is a person of few (if any) words. They are indisposed to or incapable of communicating even with their comrades. Of course, while this may be beneficial if they were to be interrogated, this also means their reticence may prevent them from pointing out any danger they have spotted.

### **Tin Ear**

This character is incapable of distinguishing between musical notes. They cannot possess or even test against any Skills involving the musical arts. Their inability to appreciate music may also prove detrimental in social situations.

### **Unlucky**

A character with this Weakness is possessed of particularly ill fortune. Whenever they make a check against a skill and get a 98-100, something particularly bad happens to them: their pantaloons fall down while addressing a diplomat; a piton slips out of the cliff face they are attempting to scale; their grenade bounces off a wall and rolls toward their feet.

### **Weak Constitution**

This character has a particularly feeble stomach, and they tire easily. When making a Toughness check against poison, they suffer a -3. Additionally, they can Sprint as if their Toughness was 3 ranks lower than it actually is.

## **Mental Weaknesses**

### **Compulsion**

When choosing this Weakness, the character should choose a circumstance that compels a character to perform a specific action. Before leaving the inn, do they open and close the door three times? Perhaps before bedding down outdoors, they must completely bury their cooking fire and all remains of their meal. Whatever they case may be, if an opportunity arises where they feel they must

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act out their compulsion, and circumstance prevents them from doing so, they suffer a -3 to all Skills for the next 1d6 hours. If the character falls asleep during this period, the penalty continues the rest of its term once they wake. At the referee's discretion, if the character feels their compulsion once again during this period, and they can act on it, they no longer suffer the penalty.

### **Dependent**

The character is dependent upon another character. Their self-worth is measured solely in this other character's opinion of them. If they are asked to act in a manner that could harm that character's opinion of them, they must pass a Willpower check or be unable to do so. If that character should begin to dislike or distrust them, they suffer a -3 to all Skills for 1d8 hours. After this period, they must find a new character upon which to become dependent. Additionally, if the character upon which they are dependent is in a combat with them, the character must make a successful Willpower check or delay their turn until the other character has taken an action.

### **Hatred**

The character has an intense dislike for a specific group. This can be members of another race, spell-casters, a specific species of creature, a political group, or any other group of significant size and distribution. If the character were never to see this group, this wouldn't really be a Weakness. The character will generally steadfastly refuse to help members of this group, and will often seek any opportunity to harm them. If asked to do so by a friend or

trusted ally, the character must pass a Willpower check in order to help a member of this group or to stop themselves from harming or outright killing a member of this group they have in their power.

### **Obsession**

When taking this Weakness, the player must choose an ideal, a group, an object, or any other thing with which their character can become obsessed, such as a field of knowledge. When presented with an opportunity to help, further the cause of, learn about, or generally interact with their obsession, the character must pass a Willpower check in order to prevent themselves from doing so. If they fail to do so, not even the prospect of harming or betraying their allies will prevent them from feeding their obsession.

### **Phobia**

When choosing this Weakness, the player should choose something of which their character will be terribly frightened. This could be anything their character could encounter frequently enough to impact gameplay. Examples include: magic, water, heights, or gold (particularly bad for a player whose enjoys collecting wealth). When presented with a situation that requires approaching or interacting with an object of their phobia, the character must pass a Willpower check or flee/freeze on the spot, at the player's discretion. If their phobia is something like heights or water, they must pass frequent Willpower checks to continue acting while in or around their phobia, or be frozen in place. If they are in combat with something

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they fear, even if the character passes their Willpower check, the suffer a -2 to all Skill checks targeting their phobia.

Additionally, the character cannot learn Skills that would require them to interact frequently with their phobia. A fear of heights precludes learning Climbing, for instance. Similarly, a fear of water prevents learning Swimming or Piloting any watercraft.

### Shifty

The character lacks certain social cues or acts in a manner that lends them an air of deceit. This could be the result of a poor childhood, past trauma, or years spent shut in a library with only tomes for company. On any NPC Reaction checks, the character's level of Success is being treated as one lower (a Green Success is still a Green Success, however).

### Tic

The character has an observable motor or phonic tic. This could be pronounced, repetitive eye-blinking or throat-clearing, finger-snapping, or uttering a short phrase. While occasionally their tic can be suppressed, in times of great stress, nervousness, or happiness, the character must make a Red Success on a Willpower check or suffer an outburst. Of course, such a situation could have social implications for the character.

### Vice

When choosing this Weakness, the player should choose a substance or action that the character cannot resist, such as gambling, alcohol, shopping for

clothes, or *fraternizing* with members of either gender. Whenever they enter a town after an extended time away, the character must pass a Willpower check or pursue their vice. Of course, if they wish to do so, no check needs to be made.

Once a character has gotten a taste of their vice, if they wish to stop, they must pass a Willpower check in order to do so. Each time they satiate their need (such as each time they finish a drink), they may make a new Willpower check. If the character is financially or physically unable to continue, they may also stop.

Additionally, when presented or bribed with an opportunity to satisfy their "need," but circumstance leads them to prefer not to do so, the character must pass a Willpower check or take the opportunity. This check need not be made in combat or other situations where it does not make sense for the character to drop everything and go shop for new clothes, for example. On the other hand, this does mean that the character can potentially be caused to act in an abnormal or even detrimental manner.

## Magical Weaknesses

### Altered Biology

As a result of arcane experimentation or perhaps some boon from a demonic lord, the character's biology is now alien. The player should choose a mundane, normally inedible substance, such as sand or cloth. The character now receives their sustenance from that substance. As such, this substance should be relatively common. The character no longer has any need

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to consume normal fare, and in fact it will most likely make them ill. Instead, much to the disgust of their tablemates, they must consume whatever substance the player has chosen.

### Animal Aversion

The character evokes skittish or violent responses from mundane animals, and even from humans with particularly high Perception. Any animal (human with Perception of 7 or greater) within 20 feet of the character can sense their *abnormality*. Domestic animals, or any wild creatures that tend to be skittish, will attempt to flee from the character's presence. Predatory creatures, however, may attempt to do the character harm. Characters with this weakness cannot learn the Animal Handling skill, and they cannot use Druidism to interact with mundane creatures, save on a Black success.

### Disfigured

The character's body has been rendered misshapen by their arcane dabblings. These changes should be blatant, but can possibly be hidden with enough effort. Examples include immobile supernumerary limbs, clawed hands, discolored or abnormally textured skin, and ornate, over-large tattoos.

### Haunted

A character with this Weakness is dogged by the persistent company of unseen presences. The character is always accompanied by whispering voices. These voices seem to have hushed conversations with each other, although they are never quite loud

enough to glean meaning from. Characters with this Weakness often find others unwilling to remain alone in a room with them very long, and many who have heard the voices previously find it hard to spend time with the character even in a boisterous tavern hall.

### Poltergeist

The character has garnered the attentions of some mischievous force or spirit. Whenever the character packs up after staying in one area for more than a single night, something mundane of theirs (which includes a coin-purse), chosen by the referee, goes missing. The character does not notice that the item is missing until they look for it specifically. At the referee's discretion, the item may reappear some time later when they no longer need it.

### Restless Sleep

The character frequently awakes somewhere far from their bed, apparently pursuing some goal which they can no longer recall. Perhaps at the behest of some magical being whose machinations the character cannot possibly comprehend. Whether they remained in their bed the previous night or not, the character feels groggy every morning, taking a -2 to all skills for the first 1d3 hours after waking.

### Visitation

The character often finds themselves in the dreams (usually nightmares) of those sleeping in their general vicinity. While amongst civilization, the character's nocturnal wanderings may

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land them in the dreams of complete strangers, who may often recognize them during their waking hours. Whether their recognition is well-

received is determined by the character's actions and perceived intentions in the dream.

## Chapter 4

# Quirks

Quirks are small modifiers to specific Skills that a player can purchase at Character Creation for their character. Quirks are a good way to garner bonuses for your character while adding to their backstory. Quirks often provide situational bonuses or specific specializations for a particular Skill, although some fundamentally alter the character's abilities. Players should keep in mind that any Weaknesses that prevent learning a particular Skill also prevent purchasing Quirks that modify their use of that particular skill. Additionally, purchasing a Quirk that modifies a specific Skill requires that Skill to be known at Character Creation.

Most Quirks cost two Skill Points. Those that cost a different amount will have their cost listed above their description.

### **Berserk**

#### **Cost: 5 Skill Points**

Except in clear cases of mortal damage (decapitation, magical annihilation, etc), the player may spend a Luck Point to keep fighting beyond the point of death. If the character falls in combat with something they particularly hate (the target of a Hatred Weakness), the player must spend this Luck Point (if they have any remaining). A character in this state receives many bonuses and weaknesses.

The Berserk state confers the following bonuses: The character may continue to ignore the effect of any wounds they incur until the end of the combat. Additionally, they receive a

+3 bonus to both Strength checks and Willpower checks for the duration of combat. The character also receives a +1 bonus to melee attack rolls for every 5 full points in Strength, as opposed to the usual 10. Lastly, the character can ignore any Phobias they have.

The Berserk state has the following drawbacks: The character must focus their attention on the target of any Hatred Weaknesses they have, ignoring other enemies until their Hated targets are dead. If they Hate multiple targets in the combat, they must attack the closest first. Additionally, the character remains in a blood-trance even after all enemies have been vanquished. The closest living creature in sight be-

## CHAPTER 4. QUIRKS

comes their next target, continuing until the character can no longer see a living creature, at which point they succumb to their wounds.

### Celestial Guidance

The character is an expert at Navigating using either the Sun or the stars. Choose either day or night. The character receives a +3 to their Navigation score during the chosen time period. The character does not receive this benefit if they cannot see the sky, often due to weather conditions or simply being indoors.

### Exotic Accent

The character speaks with an accent that no one can quite guess. A character with this Quirk receives no penalties or bonuses when interacting with NPCs due to their homeland. An NPC interested in undiscovered or unknown lands may be more inclined to interact with the character, however.

### Expert Tracker

When choosing this Quirk, the player should choose between mundane animals, magical creatures, and human beings. For the purposes of Tracking the chosen type of creature, the character may treat the trail as if it were 3 hours more fresh than it actually were. This does not allow for a trail to be treated as if it had a negative age.

### Forgiving Fans

This Quirk cannot be taken by those that also possess the Polarizing Personality Quirk.

Any time a character with this Quirk would lose a point of Fame, they

may make a check against their current Fame value. On a Black success, they don't lose any Fame.

### Iron Constitution

Characters with this Quirk may increase the time they have to find the antidote for a poison by 25%, rounding down to the nearest quarter-unit of time. For example, a poison that takes effect in 5 minutes now takes effect in 6.25 minutes, while a poison that takes effect in 3 hours now takes effect in 3 hours and 45 minutes. This Quirk has no effect on the wound inflicted by the poison. See the chapter entitled **Hazards** in order to find out more about Poisons.

### Light Touch

A character with this Quirk has particularly nimble fingers. Their attempts at picking pockets are only detected on a result of 98-100, rather than 96-100.

### Luck Everlasting

Any time the player chooses to spend a Luck Point, the referee must make a roll against that character's current Luck Point total. On a Black success, the Luck Point has its intended effect, but remains unspent. The result of this check should not be revealed.

### Marathon Runner

The character can jog for three more hours or sprint for three more minutes than their Toughness or General Physical rating would allow. The character is still limited to 16 total hours of jogging in each 24-hour period, as well as a need for 8 hours of sleep in each 24-hour period.



## CHAPTER 4. QUIRKS

### Military Background

Characters with this Quirk must have a rating of at least 1 in the Weapon Skill for the standard-issue weapon of their homeland's military.

Past time spent in the military has taught the character a variety of useful things. Not least of which being how to belittle subordinates. The character gets a +3 bonus to using Fast Talk or Persuade while interacting with non-hostile, rank-and-file members of a militia or military.

### Polarizing Personality

#### Cost: 5 Skill Points

The character's strong force of will and charismatic personality ensures that anyone they interact with quickly develops a very strong opinion of them, whether it be positive or negative; rare is the person who feels ambivalent about the character. Not every NPC is quick to reveal their personal feelings about the character, especially if they are particularly strong the character may often discover an unknown ally or a secret foe. In the case of someone with the Void-touched or Animal Aversion weaknesses, all creatures that would normally dislike the character due to their unusual properties now feel an extreme hatred for them.

Additionally, whenever the character gains fame, roll against their new fame point total. On a black success, they gain an additional point of fame. A gain of fame in this manner does not allow the player to roll for another point of fame.

### Quick Study

#### Cost: 5 Skill Points

The amount of time required to study any subject (usually for the purposes of gaining a new Skill), is reduced by 1/3rd. This has no effect on how many Skills you may study at the same time, nor does it affect the cost or penalties associated with learning a new Skill. See the chapter on **Character Advancement and Time Management** to find out more about studying new Skills.

### Sleepless

**Cost: 5 Skill Points** The character needs very little sleep on most nights. Normally, the character needs only 2 hours of sleep to feel fully rested. Even if they desired to sleep longer, they usually find themselves unable to do so. At the start of the campaign, and at the start of any session before which a significant amount of time was skipped, the referee should roll 1d8+4. This roll need not be revealed to the player. On the night after this number of days has passed, the character's lack of sleep seems to catch up with them, and they sleep for a full 8 hours. While sleeping on this particular night, the character is unusually difficult to rouse. At the referee's discretion, the player may spend a Luck Point to rouse from their slumber. After whatever event that caused them to wake has passed, however, they must resume their sleep.

### Street-Smarts

A childhood spent in an urban environment has given the character a keen eye for danger and an ear for interesting information. The character receives a +3 to Perception Skill checks while in a city environment.

## CHAPTER 4. QUIRKS

### Trained for War

A character wishing to choose this Quirk must have a rating of least 1 in a Weapon Skill at Character Creation.

The character gets a +2 column shift to their General Physical Rating when using a weapon in the same family as their starting weapon for which they are not trained. This score cannot exceed the highest score the character has for a specific weapon in the chosen weapon family. A family of weapons is a category such as flexible weapons (whips, flails, etc); 1-handed blades; 2-handed blunt weapons (greathammers); pole weapons (lance, spear, guisarme, etc).

### Triage Specialist

The character is a practiced hand at treating combat wounds. Perhaps they were a medic in their nation's army or a surgeon in a war-torn region. Nonetheless, they gain a +3 bonus to First-Aid Skill checks or other Skill checks used to treat wounds that resulted from combat. This grants no bonus to healing wounds inflicted by the environment (fire, falling, nettles, etc) that were taken in the course of combat. However, this will grant a bonus to healing wounds inflicted by caltrops or other devices that are generally used to wound enemy combat-

ants.

### Void-Touched

#### Cost: 5 Skill Points

A character with Quirk is considered by most to be a particularly pitiful creature. The character, by some twist of fate, is completely immune to the effects of magic, both helpful and harmful. Additionally, all characters within 20 feet of this creature receive a -2 to all Magical Skill checks used to manifest magical effects. Finally, a character with this quirk cannot learn to use any Magic Skills.

Additionally, all creatures can sense that the character is, in some way, subtly *different* than those around them. Most characters will treat the character more gruffly than they would a normal stranger. Magically-attuned creatures, however, experience a strong feeling of disgust when in the presence Void-Touched characters, as they are an antithesis of everything they believe in. Creatures that have points in the Reiki or Magic Sense Skills, or any creature with a General Magic Rating of 2 or greater fall into the previous category. Demons, spirits, and any other creatures that the referee deems appropriate may also fall into the above category.

## Chapter 5

# The Resolution Chart

This chapter concerns the method by which conflicts are resolved in THIZ. These conflicts are resolved with dice rolls, and the results of those rolls are found by consulting the Resolution Chart. Depicted at the end of this book in many forms, this chart dictates how successful any character is whenever they use a Skill. The player makes a check by rolling a 1d100 and consulting the proper row of the resolution chart.

### Reading the Resolution Chart

The resolution chart consists of multiple rows and six columns. The leftmost column, which contains a white background or a white header, denotes the rating against which a check is being made. For example, if a character is attempting to swim through rough seas and has a rating of 4 in the Swimming skill, the player will consult the row whose left-most column contains a '4' when making a check. Once the proper row has been consulted, the player can then determine the level of success. This is represented by the columns whose background colors or headers are black, red, yellow, green, or grey. These colors represent black, red, yellow, or green success and failure, respectively.

There are many variations of the resolution chart depicted in the back of the book. They represent the roll required to attain a certain level of success in two different ways. Some of the charts contain a range of numbers in their columns, whereas some contain a single number. The charts containing a range of numbers depict the numbers between which your d100 roll must fall in order to achieve that level of success. On the charts with a single number, your level of success is that of the column which depicts the smallest number greater than your roll.

For example, in the Swimming example above, if the player rolled a 40, their level of success (with a rating of 4), would be Yellow.

## Chapter 6

# Combat

Combat may be the meat and potatoes of your group's tabletop adventures, or it may be the occasional, unfortunate side effect of poor roleplay. Either way, there inevitably comes a time when your characters must test their mettle and cross swords (figuratively or literally) with their foes.

### Get the Mooks out of the Way!

In the world of THIZ, players will encounter two types of enemies: Mooks and Adversaries.

Mooks are the chaff which your characters must clear on their way to the adversaries. Hired thugs, guardsmen, militia-men, sailors, and other such fighters who certainly die by the sword, but don't quite live like it, as your characters do.

Adversaries are characters that are on par with those of the players. Armed with only your Skills and your wits, you will almost certainly square off against adversaries during your adventures. Unlike combat with Mooks, meeting an Adversary in pitched battle is not a guaranteed victory.

### How Combat Works

Combat in THIZ is composed of the following discrete components:

1. Determining surprise
2. Determining initiative
3. Declare and resolve actions in initiative passes
4. Repeat 2 & 3 until combat is over

### Determine Surprise

In most cases, some combatants are more prepared for combat than others. Some fighters may be caught completely unawares, or perhaps were distracted whilst a nearby argument escalated into a brawl. Whatever the case may be, all fighters begin combat by checking against Speed + Perception. Depending on the result of this check, each combatant gets 0 through 4 points, for Failure through Black success, respectively. This value is their **Preparedness**.

Whichever side has the combatant with the highest Preparedness may take a full Initiative Pass of actions against their enemies. In the case of a tie, compare the total Preparedness of

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either party. If there is still a tie, have the characters with the highest Preparedness check Preparedness again, until the tie is resolved.

In some special cases, such as an ambush, the referee may declare that one side is unprepared, in which case the other side takes a full Initiative Pass of actions against the other.

If a character enters combat after it has already begun, they must declare an intended target. The character and their intended target then determine their Preparedness. The character with the highest preparedness may take a free action against the other. The newly arrived character may afterward take part in regular combat, starting with the following Initiative Pass.

### Determining Initiative and Initiative Passes

In order to determine Initiative, players roll 1d10 and add either Speed + Perception or their General Physical rating, whichever is higher.

Once all characters have determined their Initiative, they each take a **turn** in initiative order. A turn in combat lasts 5 seconds, and permits a character to take a single action. Possible actions are outlined below, in the section entitled **Actions**, but typical actions include: moving, attacking, or casting a spell.

Once all characters in the combat have acted in initiative order, they subtract 10 from their Initiative score. If any characters have an initiative above 0, they may act again, in order of their new Initiative. This process repeats until no characters have an initiative

above 0. This cycle, beginning with all characters checking Initiative and ending with all characters possessing an Initiative of 0 or lower, is called an **Initiative Pass**.

If combat is not resolved (i.e. there are combatants alive and willing to fight on both sides), then all characters determine Initiative again and the process starts over.

### Actions

There are six general actions that a character can take on their turn during combat: Move, Attack, Defend, Use Magic, Use Maneuvers, or Wait. Below follows a description of these actions and how they work.

#### Move

A character can move using whatever means are available to them and appropriate to the circumstances. The distance they can move is dictated by the character's Speed rating. See the Chapter on Movement for more information.

#### Attack

Attacks are actions that attempt to harm the target in some way. There are two types of attacks: Missile Attacks, and Melee Attacks.

**Melee attacks** are any attacks made with a character's melee weapon or fists. When making a Melee Attack, the character must be within 5 feet of the target. The attacking player must declare a body location they wish to target: Head, Gut, Chest, Right or Left Arm, or Right or Left Leg. The sections below entitled **Determining**

## CHAPTER 6. COMBAT

a **Hit** and **Damage** describe how to resolve the intent of a melee attack.

A **Missile Attack** is slightly more complex. This is any attack made with a ranged weapon of some kind: bow, crossbow, gun, thrown weapon, etc. In order to make a Missile Attack, the character must be out of the melee range of any enemy combatants, and within the range of their ranged weapon. Unlike with melee attacks, the body location targeted by a missile attack is normally determined randomly by rolling 1d100 and consulting the table below. Alternately, the player can choose to declare the body location they will be targeting. In this case, the player must get a Black success when determining their hit, or else the attack misses. As with melee attacks, see the sections "Determining a Hit" and "Damage" to see how to resolve the intent of a missile attack.

Die Roll	Location
01-10	Left Leg
11-20	Right Leg
21-45	Gut
46-70	Chest
71-80	Left Arm
81-90	Right Arm
90-100	Head

### Defend

When a character chooses to defend, they add their Weapon Skill (for the weapon they have equipped) to their Speed for the first attack made against them before their next turn.

### Use Magic

This action is taken when a character attempts to manifest a magical effect using one of their Magic Skills. See the

chapter entitled **Magic** to learn more about using magic in combat.

### Use Maneuvers

Maneuvers are actions such as Bull Rush, Disarm, Trip, or other actions that affect a target without damaging them. Individual Maneuvers are discussed later in this chapter.

### Wait

A character can choose to wait on their turn. If they do so, they must state an action they wish to perform and a condition that will cause them to act. If that condition occurs before their next turn, they may perform their action. If they wish to act before the trigger occurs, they must check Speed. On a success, they may act before the triggering condition occurs. Otherwise, they act after.

## Determining a Hit

In order to determine a hit with an attack, you simply make a resolution check against (your Weapon Skill with your equipped weapon or General Physical rating + that weapon's Attack Bonus, if any) - (your target's Speed or General Physical rating + your target's Armor Bonus on the targeted body region, if any). This value is denoted as the **Adjusted Attack Rating**. On any level of success, you have hit your target. For example, an attacker armed with a steel sword and with a Sword Skill rating of 3 attacks a target with Speed 4 and bronze armor. He checks against an adjusted rating of (3 [his Sword Skill] + 4 [his sword's Attack Bonus]) - (4 [his opponent's Speed + 1 [his opponent's armor

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bonus]), which equals 2. The player rolls a d100 and checks the resolution chart for a rating of 2.

See the section below, "Damage," to find out more about how this hit can affect your target. The section **Combat Equipment** discusses Attack Bonuses and Armor Bonuses.

### Damage

Characters in THIZ have seven body sections, as discussed above: Head, Chest, Gut, Right and Left Arm, and Right and Left Leg. Each of these body sections can be targeted, and each of them can receive wounds. Whenever a body section has been successfully hit by an attacker, the character receiving the hit makes a check against their Toughness rating. If their level of success exceeds that of the hit, they receive no wound. If their level of success matches that of the hit, the level of success of the hit is reduced by one.

Depending on the level of success of the hit, the character receives a Green, Yellow, Red or Black Wound to the stricken body location, for a Green through Black Success, respectively. A character can receive any number of Green Wounds, but only one each of the other types of wounds. If they receive a second wound of the same color to the same body location, it is stepped up to the next color of wound. A Mook that has a wound greater than Green on their Head, Chest, or Gut is defeated.

The effect of wounds on particular body locations is outlined in the charts below:

	G/Y/R	Black
Head	-1/2/4 to all Skills	Incapacitated
Chest	-1/2/4 to Initiative	Incapacitated
Gut	-1/2/4 Toughness	Incapacitated
Arm	-1/2/4 to Skills with arm	Useless
Leg	-1/2/4 Speed	Useless

In the case of non-lethal damage (attacker is using bare fists), an Incapacitated character is simply unconscious (they cannot act, Speed is 0). In the case of lethal damage, they are dying. They must check Toughness. On a failure, they die. On a Black success, they need not check Toughness any more. A character can attempt to use First Aid to stabilize an Incapacitated character, which they do on any level of success. Also in the case of lethal damage, a limb with a Black success can be removed, at the referee's discretion.

### Recovering from Damage

A character heals a single Green wound with a full day of rest. Once all Green wounds have been healed, a character can attempt to heal any additional wounds they may have. After a full day of rest, they may make a check against their Toughness score. On any level of success, they heal their least-severe wound. If there are multiple wounds of the same severity on different body locations, a character heals wounds in this priority: Chest, Head, Gut, extremities (arms and legs). To determine which extremity is healed first, roll on the random body location chart until a wounded arm or leg is rolled.

A character with Knowledge (Surgery) may attempt to heal a wounded character. Despite the connotation (and even the denotation) of the word "surgery," Knowledge

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(Surgery) is the catch-all skill for medicinal knowledge. If a character is wounded and another character wishes to heal them, they can make a check against their Knowledge (Surgery) skill. If their level of success matches that of a wound the character possesses, they heal that wound. One wound per body location per day can be healed in this manner.

### Combat Equipment

This book attempts to separate the setting and the mechanics as much as possible. As such, rather than listing specific weapon or armor types, specific materials, and specific costs, this book leaves those to the referee and the players to determine as appropriate for their setting. The book does, however, provide a suggestion for comparing the efficacy of weapons and armor, relative to each other.

Weapons and armor are made of materials, and these materials have relative hardness and resistances relative to each other. As such, it should be easy and intuitive for the referee to identify four or five materials that are common to their setting and rank them from 1 to 4 (or 5), on a scale of increasing hardness. The value assigned to a specific material is the Attack or Armor bonus for a weapon or a piece of armor made with that material, respectively. In addition to an Armor Bonus, pieces of Armor also cover one or more body locations. Whatever design or style the armor has is up to the referee and their setting.

For example, a futuristic setting could commonly feature objects made of Carbon Fiber, Steel, Titanium, and Plasteel. If the referee assigned these

materials a hardness of 1, 2, 3, and 4, respectively, then a sword made of Titanium would have an Attack Bonus of 3. Alternately, in a medieval setting featuring Leather, Bronze, Iron, and Steel materials, each with a hardness of 1, 2, 3, or 4, respectively, a piece of bronze armor would have an Armor Bonus of 2.

If the setting allows for the use of ranged weapons of any sort, the referee may declare Attack Bonuses for these weapons as well. If the weapon is low-velocity, such as a bow, the Attack Bonus is 1, so long as the missiles are made of a material with a hardness of at least 1. If the missiles are low-velocity but designed to pierce armor, such as a bodkin point arrow, the Attack Bonus is 2. High velocity missiles (bullets fired from a gun or faster), both traditional and armor-piercing, have an Attack Bonus of 3 and 4 respectively.

In special circumstances, such as weapons or armor made of a very rare material, or magical/technological weapons that aren't technically made of any material, it is up to the referee's discretion to declare an Attack or Armor Bonus, relative to the traditional materials of the setting.

### Shields

Normally stacking pieces of armor does not provide any benefit to the character. They only receive the greater of the two Armor Bonuses. In the case of shields, however, wearing a shield on an arm always adds that shield's Armor Bonus to the Armor Bonus of any other armor on that arm. Additionally, a character wearing a shield may add the Armor Bonus of that shield to the Armor Bonus of a single body location



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of theirs that is attacked during each combat turn.

### Unarmed Combat

Characters fighting without melee weapons, using their bare fists, can only damage armored Adversaries if their Strength rating is triple that of the Adversary's Armor Bonus. A character uses their Unarmed Combat Skill to make attacks such as these; this Skill can also be used if the character is equipped with certain weapons, such as a cestus or knuckledusters. If using one of these weapons or something similar, and the Attack Bonus of that weapon is 1 or higher, the character can damage armored Adversaries regardless of their Strength rating.

### Two-Weapon Fighting

A character fighting with two weapons must have the Dual-Wield skill for the two weapons they wish to attack with, or suffer penalties. The character may check their Weapon skill normally to attack with their main-hand weapon, but they must check the lower of their Weapon Skill or Dual-Wield rating to attack with their second weapon. The attack made with their second weapon is resolved after the turn of the character with the lowest initiative.

A character attempting to attack with two weapons without the appropriate Dual-Wield skill suffers a -3 to attacking with both weapons this turn, as well as a -2 to their Speed rating until the end of the next Initiative Pass.

### Maneuvers

Maneuvers are special actions that can be performed in Combat whose primary intent are not to cause harm.

#### Grappling

A character can attempt to grapple another character whether or not they have the Grappling skill. Of course, having training will increase a character's chance of success. In order to grapple another character, the character must make a check against their Grappling or General Physical rating, minus the Speed or General Physical rating of their target. This check is referred to as a Grappling check.

On a success, they are grappling the target. On subsequent turns, they can make another Grappling check and, on a success, can continue grappling the target and make a free Unarmed Combat attack, throw the target 5 feet per 5 full points of Strength, or pin the target to the floor. A thrown target always lands in the Prone position.

A character that begins their turn being Grappled can either make a Grappling check to reverse the grapple or a Strength check to break free. In either case, the intended effect only occurs if their level of success exceeds that of the character that Grappled them.

#### Tripping

A character can attempt to trip another character, making them drop to the floor in the Prone position. The character must make a check against their Weapon skill or General Physical rating minus the target's Speed

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or General Physical rating. Particular weapons or objects grant a bonus to tripping. These include flexible weapons like whips and weapons with hooks, such as guisarmes.

### Dropping Prone

A character may find themselves in the Prone position as a result of the actions of another character or environmental effects, or they may choose to drop prone themselves. Moving to or from the Prone position is an action that takes up a single turn. Characters attempting to hit a character in the Prone position with a missile attack receive a -3 penalty. Characters who attempt to hit a character in the Prone position with a melee weapon, however, receive a +3 bonus.

### Disarming

A character can attempt to knock a weapon from another character's grasp, if they are in melee range with their target. To do so, they check against their Weapon skill or General Physical rating minus their target's Weapon skill or General Physical rating. On any level of success, the weapon drops to the ground at their target's feet. On a Black success, the weapon drops to the ground at most 10 feet away from the target, in a random direction. Flexible weapons such as whips and flails grant a +3 bonus to attempts to disarm a target.

### Sundering

A character attempting to sunder the equipment of a character must declare the piece of equipment they intend to sunder (a weapon or the armor of a

body location). A sunder attempt also requires two rolls: the first is a check to see if the character hits the intended target, and the second is to determine if they were able to damage it. The first check is made against the character's Weapon skill or General Physical rating minus the Speed or General Physical rating of the target. The second check is against the character's Strength or General Physical rating.

If both of these checks have any level of success, the target equipment is damaged, at least to some extent. The target piece of equipment's Attack Bonus or Armor Bonus (as appropriate) is reduced by the Attack Bonus of the character's weapon. A piece of equipment whose Bonus (Attack or Armor) has been reduced to 0 is destroyed. On a Black success on the Strength check inflicts a Green wound on the body location nearest the target piece of equipment.

For example: Gala of Iondren uses her trusty steel lucerne hammer to attempt to sunder the bronze helmet of a would-be assassin. She successfully hits his helmet and gets a Green success on her Strength check. Her weapon, being made of steel, has an Attack Bonus of 3, which reduces the bronze helmet's Armor Bonus of 1 to -2. As its Armor Bonus is reduced to 0 or lower, the helmet is destroyed.

## Burst/Full-Auto Fire

In a setting where weapons are capable of burst or fully-automatic fire, the character can score multiple hits against their target. If they attack using burst or full-auto fire and wound their target at any level above Green, they also give the target a wound of

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each color below that. For example, if a character fires a burst of 5 shots and scores a Red wound on their target, they also score a Yellow and Green wound on that target. The player must roll on the missile attack chart for each of these wounds to determine which body location they effect. If a character's firearm is only capable of a three-round burst and they score a Black wound, they only inflict a Black, Red, and Yellow wound on the target.

## Chapter 7

# Magic

Magic in THIZ is a powerful force. Player characters and their Adversaries will often use magic to their own ends, often performing feats well beyond normal human ability. Such power, however, comes at a steep price: the study and use of magic often warps the minds and bodies of those who dare dabble in the arcane.

### Magic Users

Any character in THIZ can learn magic, so long as they are willing to pay the price. Players can choose to learn Magic Skills at Character Creation, and for each Magic Skill their character possesses, they must choose a Magical or Mental Weakness to represent the effect such knowledge has had on their person. A character can also learn a Magical Skill at any point in the campaign, so long as they have a teacher and time to spare.

In most settings, characters that do not possess magical abilities will be suspicious or fearful of those that do. A character who is discovered to be a "witch" or "sorcerer" may find that those they once considered friends will want nothing more to do with them.

### Learning New Magic Skills

Like all skills, Magical Skills require a cost of 5 Skill Points to learn after Character Creation. Additionally, the character must have a mentor or tutor who already possess a particular Magic Skill and a rating of at least 7 in that skill to teach them the Magic Skill.

All Magic Skills require a 6-month period of study. The character must spend every day learning the Magic Skill with their tutor. After this period, the character has a rating of 1 that Magic Skill and may increase it in the same manner as any other skill: spending a Skill Point earned at the end of a session or campaign. Only one Magic Skill may be learned at a time. Once a character acquires a new Magic Skill, they must acquire a new Mental or Magical Weakness

If the tutor and the character wish, the character may travel or adventure while studying with their tutor,

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so long as they spend some time each day studying the desired Magic Skill. Characters studying a Magic Skill in this way must spend 1/3rd more time studying their Magic Skill. That means, a character studying a Magic Skill on the go must spend 6 months + 3 additional months studying, for a total of 12 months.

Lastly, a character that has spent time studying a Magic Skill under a tutor may gain a **Special** in that Magic Skill. The section "Training" in the chapter **Character Advancement & Time Management** has more information on Specials, but they are essentially personalized specialties that a character develops while mastering a skill. This can take the form of a +3 to the Magic Skill in a specific environment or time period, or a specific magical effect that the character can manifest at an easier level of success than normal. The Special is unique to the character, but may also exhibit the influence of their tutor, as well. A character that already knows a Magic Skill and wishes to develop a Special for said Magic Skill must spend 3 months with a tutor who knows that Magic Skill. A character can only have one Special for each Magic Skill they possess, but they may seek further training to develop a new Special in place of their old one.

### Manifesting Magical Effects

A character wishing to use their magical skill must declare the magical effect they intend to manifest. The referee then gives them a target level of Success they must reach in order to make that effect occur. Of course, the more complex or powerful the magical effect, the higher the level of success required. The description of each Mag-

ical Skill in the **Skills** chapter has example magical effects and the requisite levels of success. Additionally, particularly powerful Magic Skills and magical effects will require the use of rare or expensive reagents each time they are cast. The character may have to pay a large sum of money or go on an adventure or quest to find these reagents.

### Extended Casting

Obviously, not every time a character attempts to manifest a magical effect will they achieve the requisite level of success. This usually means that the magical effect does not occur, and whatever reagents the character was using to cast the spell are wasted.

All is not lost, however, as a character may choose to continue attempting to cast the spell, maintaining a partial level of success until they succeed. Each check takes up a single combat turn (or some amount of time at the referee's discretion outside of combat), as normal. Each level of success requires two checks resulting a level of success directly below it.

For example, in the middle of combat, Bertold is attempting to use Artifice to add +1 to attack bonus of all nearby firearms. This requires a Red success. On his first turn, he only achieves a Green success. He chooses to continue the same spell until he succeeds. On his next turn, he gets a Yellow success. He now has a Green and a Yellow success, but no Red success, so the spell is not successful. On his third turn, he gets another Green success. Two Green successes make another Yellow success, and two Yellow success make a Red success. The spell is finally cast!

If a magical effect requires the ex-

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penditure of reagents, the character must spend 25% more of the reagent for each additional check against their Magical Skill. If they run out of the reagent, they cannot make more checks and all progress towards casting the spell is lost. Additionally, if a charac-

ter's concentration is broken, they lose all progress towards casting the spell. A character doing Extended Casting in combat that suffers a wound must make a Willpower check. On a failure, they lose all progress towards casting the spell.

## Chapter 8

# Movement

Movement in THIZ is divided into two categories: **Movement**, which is brief and sporadic, covering distances in small increments on the order of minutes; and **Travel**, which is sustained movement measured on the order of hours, days, or weeks.

### Movement

#### Crawling, Walking, Jogging, Sprinting

All characters can crawl, walk, jog or sprint. Crawling and walking are achieved with ease by most characters, and requires no resolution checks. Jogging and Sprinting, however, may require resolution checks in certain environments (wading through water, very loose sand, etc). Jogging and Sprinting will also eventually fatigue the character, at which point they can no longer attempt to move in that manner until they rest.

#### Climbing

All characters can attempt to climb, but proper training and experience makes it much easier. In order to scale a surface, the character must make a check against their Climbing skill or General Physical rating.

### Swimming

Not all characters can swim. A character that has spent their life away from large bodies of water or has simply never swum before may drown if they attempt to swim in rough water or cover any significant distance. Characters with a rating in Swimming skill are much less susceptible to the dangers of open water.

### Acrobatics

A character can jump, tumble, or perform other acrobatic stunts by succeeding at a check against their Acrobatics skill or General Physical rating. Failure means they have failed to perform the action correctly and must suffer the consequences, which in some situations may be dire.

Travel

Walking

When traveling on foot, a character can move a certain number of miles per day, depending on their Speed or General Physical rating.

Animals

Animals are also limited in terms of how many miles they can cover per day by their Speed or General Physical rating. A character riding an animal or driving a team of animals may use their Animal Handling skill to direct or motivate the animal(s) to move, but they cannot use Animal Handling to get the creatures to travel a distance greater than that dictated by their Speed rating.

Boats

Boats and ships are often a relatively safe and easy means of traveling long distances. A boat that is rowed can travel 10 miles in a day. A boat that is sailing on good winds can travel up to 30 miles in a day. A larger ship can travel up to 50 or 65 miles in a day, depending on its cargo and weather conditions. Ships that use motors or other technological (or magical) means of travel can go 80, 100, or even more miles in a day if the referee deems it appropriate.

Movement Rate Table

Rating	Crawl	Walk	Jog	Sprint
-10 or less	1 [10]	/	/	/
-9 to -5	2 [25]	5 [60]	/	/
-4 to -3	2 [25]	10 [120]	20 [250]	/
-2 to 0	3 [35]	20 [250]	25 [300]	55 [650]
1 to 3	5 [60]	20 [250]	30 [350]	60 [750]
4 to 6	5 [60]	20 [250]	40 [500]	65 [800]
7 to 10	5 [60]	25 [300]	40 [500]	70 [850]
11 to 13	10 [120]	25 [300]	40 [500]	75 [900]
14 to 17	10 [120]	25 [300]	40 [500]	80 [950]
18 to 21	10 [120]	25 [300]	45 [550]	85 [1000]
22 to 25	15 [180]	25 [300]	45 [550]	85 [1000]
26 to 29	15 [180]	30 [350]	45 [550]	90 [1050]
30+	15 [180]	30 [350]	50 [600]	95 [1150]

# - The distance in feet a character can move per combat turn  
[#] - The distance in feet a character can move per minute  
/ - This type of movement is prohibited

The table above depicts the distance a character can crawl, walk, jog, or sprint, as determined by the higher of their Speed skill or General Physical rating.

Fatigue

Certain types of movement cause a character to become fatigued, with different consequences depending on the type of action.

Crawling and Walking

Crawling and walking do not cause fatigue in the same sense as other types of movement. A character can continually walk or crawl at the rate listed in the table above indefinitely, as long as they take 8 hours of sleep for every 24-hour period.

Jogging

A character may jog at the rate listed on the table above for a number of hours equal to either their Toughness or General Physical rating, up to a



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maximum of 16 hours, in a single day. A character with a value of zero in both of those ratings can jog for a single hour in a day. After jogging for their maximum time, the character must rest for 1 hour. A character who has exceeded their maximum jogging time can no longer jog until they get 8 hours of sleep.

### Sprinting

A character may sprint at the rate listed on the table above for a number of minutes equal to their Toughness or General Physical rating. A character with a value of zero in both of those ratings can sprint for a single minute. After using the entirety of their sprint time, a character must rest for 30 minutes.

### Animals

Animals follow the same movement and fatigue rules as humans. One notable difference between the two is that, while humans have a maximum possible rating of 30 in any Skill, animals may have a rating that is higher, especially in Speed. If a character wishes to induce an animal to move or act in an abnormal manner, they must make a check against their Animal Handling or General Mental rating. On a failure, the animal does not obey. On any level of success, the animal complies. At the referee's discretion, a greater level of success may result in an exemplary execution of the character's command.

At the referee's discretion, the above Movement Rate chart may be modified slightly for some creatures, such as horses. For a particularly fast

animal, the numbers in the chart indicate yards moved per turn/minute rather than feet.

### Climbing

Any character can attempt to make easy climbs and, if the ascent seems simple enough, the referee can forgo the need to make a player roll for their character. Contrastingly, a climb can be difficult enough that characters untrained in the Climbing skill require the help of a trained climber or ropes and pitons to make the ascent.

While climbing, the character moves at a rate of 5 feet + 1/2 their Climbing skill each combat turn.

For every 100 feet a character climbs, they must make a check against their Climbing or General Physical rating. For climbs less than 100 feet, the character makes a check at the halfway point and at the top of the climb. Every climb should involve at least two resolution checks. On a failure, the character falls from the point they are at when the check was made. On any degree of success, the character may continue climbing. Certain conditions, such as a sloping surface or overhang may apply a bonus or penalty to the resolution check, at the referee's discretion.

A character that falls is not guaranteed to fall all the way to the bottom. Roll 1d10 x 10. If the result is greater than the character's distance above the ground, they fall all the way to the bottom. Else, they catch themselves after falling that distance.

The chapter entitled **Hazards** describes how to determine the damage inflicted by a fall. A fall of 100 feet or more usually results in death.

## Swimming

Characters without training in the Swimming skill can only tread water or doggy paddle to a nearby piece of floating detritus.

Characters with the Swimming talent can swim at their walking rate as listed in the Movement Rate table above. They can swim at this rate for as long as they can walk: indefinitely, as long as they somehow find a means to sleep for 8 hours every 24-hour period. They can also swim their jogging speed for a number of minutes equal to their Toughness or General Physical rating.

## Long-Distance Travel

A character's walking speed in battle or when walking short distances is much greater than the pace that would be comfortable for them to maintain during a long march. Any character (including animals) can cover a distance of  $(15 + 1/2 \text{ their Speed or General Physical rating})$  miles each day. This distance is lessened if they must travel through harsh weather or unfavorable terrain. Some typical reductions are  $1/2$  if traveling through a desert or  $1/3$  if traveling through a mountainous region. For each river the character has to ford while traveling on a specific day, subtract  $1/2$  of a mile from the total distance they can travel that day.

An animal carrying a rider can only travel  $2/3$  its typical distance (as determined above) each day. If it is pulling a vehicle, the animal can travel  $1/2$  its typical distance each day.

## Vehicles

Normally, the day-to-day trivialities of traveling are glossed over by the players and the referee. Travel usually happens in the stroke of a narrative brush, with the occasional storm or pack of bandits to break up the monotony. The following rules, then, deal with vehicular combat, vehicular collisions, and tests of skill between one driver and another.

### Operating a Vehicle

Operating a vehicle is governed by the Pilot skill. Each unique vehicle, such as a chariot or sledge, should have its own instance of the Pilot skill.

### Vehicular Movement

A vehicle has four speed categories: slow, cruising, fast, and flat-out. A vehicle that is moving flat-out imposes a -3 to any Pilot skill checks made to maneuver the vehicle. A vehicle that is just starting up or nearly stopped is considered to have a speed of zero for all intents and purposes.

For every vehicle, these four categories should be assigned a Speed rating. This rating is the vehicle's Speed rating while its movement falls under that category. The rate of feet traveled per combat turn (or minute) by the vehicle is listed in the table below. This table uses the same numbering conventions as the Movement Rate table above. The numbers given below are for traditional terrestrial vehicles. If a setting demands more fast-moving vehicles, then some math will be required. In the case of vehicles that move at a similar rate to modern aircraft, multiply the numbers in

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the table below by 60. For those that move at a rate similar to modern spacecraft, multiply the numbers by 500. For vehicles which can reach superlu-

minal speeds (or which travel via non-traditional means), these numbers may not even matter or have meaning.

Vehicle Movement Rates													
1-3	4-6	7-10	11-13	14-17	18-21	22-25	26-29	30-33	34-37	38-41	42-45	46-49	50-53
60	65	70	75	80	85	90	95	105	115	125	135	145	155
[750]	[800]	[850]	[900]	[950]	[1000]	[1050]	[1150]	[1250]	[1400]	[1500]	[1650]	[1750]	[1850]

### Vehicular Chases

A character or vehicle can only be considered to be in a chase with another character or vehicle if they can achieve a speed of at least  $2/3$  that of the other vehicle. Otherwise, the character or vehicle with the greater speed either catches up to them or outdistances them immediately.

The character controlling each vehicle or mount in a chase must make an initiative check each round (see **Combat**). The character with the highest initiative score may choose to change the position of their vehicle relative to another vehicle involved in the chase, either widening or closing the gap between them. They may modify the distance between them an amount equal to their vehicle's movement per turn. If the distance they can move in any round is greater than the distance between their vehicle and another, and they wish to move closer to the vehicle in question, they may choose to overtake them, drop behind them, or move to the side of the other vehicle.

### Potential Collisions

If a vehicles path crosses that of another vehicle, and they could potentially collide, the pilots of both vehicles must make a resolution check against

the appropriate Pilot rating for their vehicle (or their General Mental rating). If both pilots fail, the vehicles collide. If one pilot achieves a greater level of success than the other, they can determine at what distance the vehicles pass by each other. If both pilots achieve the same level of success, they pass each other within range of any missile weapons.

Likewise, the pilots of two vehicles that are approaching head-on must both make resolution checks against the appropriate Pilot skill or their General Mental rating. If both fail, the vehicles collide head-on. Otherwise, the Pilot who achieved the greater level of success decides how quickly the vehicles pass by each other. On a tie, the vehicles pass each other within range on any missile weapons.

### Vehicular Combat

Attacks made from a moving vehicle against a stationary target or a pedestrian are made at a -1 for each point in the vehicle's current Speed rating. If the vehicle is bearing straight toward or straight away from its target, this penalty is nullified.

When an attack is made against a vehicle by a stationary target or a vehicle that is crossing its path, the target vehicle's current Speed is used by the

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attacker to calculate their adjusted attack rating.

As vehicles can take damage, they each have their own unique Toughness rating, as determined by the referee. When they suffer damage, they can make a check against their Toughness rating to avoid the wound, just as a character would. All vehicles have a single body location. If they suffer a Black wound, the vehicle is unable to continue operating.

### Collision Damage

When vehicles collide, make a check against the Speed of the vehicle doing the striking, as if it were the adjusted attack rating of an attacking character. If the vehicle rear-ends a slower vehicle, subtract the slower vehicle's Speed from the striking vehicle's speed. Alternately, if the two vehicles collided head-on, add their Speeds together. In a collision, both vehicles can potentially suffer the wound resulting from this resolution check. They both make a check against their Toughness in order to see if they have indeed suffered the wound.

If a moving vehicle strikes a pedestrian, make a resolution check against the vehicle's current Speed minus the pedestrian's Speed in order to determine the potential wound the pedestrian will suffer. Only the pedestrian suffers damage in this type of collision, and they may make a check against Toughness as normal when potentially suffering a wound.

When a moving vehicle strikes a stationary fixture, such as a building or city wall, make a check against the vehicle's current Speed in order to determine the wound the vehicle may suffer, as above. It is up to the referee's discretion to determine how the stationary fixture is affected by the collision.

### Inoperable Vehicles

When a vehicle has suffered a Black wound, it becomes inoperable. If this occurs while the vehicle was in motion, this could be catastrophic for the vehicle's occupants. In this case, the pilot makes a resolution check against the appropriate Pilot skill or their General Mental rating. On a success, they successfully guide the vehicle to a stop. On a Black success, the pilot can keep the vehicle moving for one more combat turn on skill alone. On a failure, they lose control of the vehicle and they, as well as the vehicle's other occupants, may suffer damage. Make a resolution check against the vehicle's Speed at the time of the event that rendered it inoperable for each occupant of the vehicle. Also roll on the body location chart for each character to see where they may be injured by the crash. The Speed check is modified by the Speed and Armor Bonus of the character in question, as with any Attack resolution check. The normal rules for determining a hit and damage are used to determine how each character is finally affected by the crash.

## Chapter 9

# Hazards

There are many hazards a character may encounter while adventuring. This chapter aims to cover environmental hazards, as well as poisons and traps.

### Fall Damage

Characters that fall more than 10 feet may possibly be damaged by their fall. When a character falls from such a height, subtract 10 from the distance fallen and make a check against it as if it were an attack rating. This is not mitigated by the character's Speed or Armor Bonus. The level of success of this check determines what wound the character suffers. On a white result, the character is miraculously unharmed. Roll on the body location chart to see where the character is injured. A wound suffered from a fall has the same effects on a character as any other damage.

Characters injured by a fall that survive the damage are stunned for a number of turns equal to the distance fallen divided by 10. Stunned characters may take no actions.

A character that falls 100 feet or more onto an unyielding surface is killed instantaneously. A character that falls 100 feet or more onto a yielding (deep water, sand, deep snow) sur-

face may survive, according to the referee's discretion. Water, regardless of depth, is not a yielding surface if the character has fallen 200 feet or more.

### Fire

A fire has a rating based on its intensity. A fire's rating is used as if it were an attacker's Weapon skill in order to determine if it inflicts a wound on a character. A character that is able to move away from the fire may reduce the fire's rating by their Speed rating. Additionally, any armor worn by a character on a targeted body location reduces the fire's rating by 1, regardless of the Armor Bonus it may have.

In order to determine where a character is injured by a fire, the referee could use the situation to dictate the location, such as ruling that the body location closest to or targeted by the fire (at the hands of another character, usually) is injured by the fire. If the character is temporarily consumed or

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licked by flames, the referee may use the random body location chart to determine where the character is injured, or their own discretion. In some cases, all body locations could be affected simultaneously.

Below is a chart depicting the rating for typical types of fire:

Fire Ratings	
Candle, small lamp	-5
torch, lantern	0
small fire, burning sheet	5 to 8
large fire, burning beam	10 to 14
bonfire, burning building	15 to 20
lava, magical fire	25 to 30

### Open Water

A character must make a resolution check to stay above water whenever they encounter an extraordinary situation in the water. Such situations include:

- Suddenly falling into water
- Diving from a height greater than 20 feet
- Swimming in armor
- Beginning a swim in a body of water with a rating of 10 or greater
- Beginning a turn in a body of water with a rating of 25 or greater

Bodies of water have a rating, like fires, but they do not actively harm the character like fires do. Instead, when a character needs to make a resolution check to stay afloat, they make a check against double their Swimming or General Physical rating, minus both their highest Armor Bonus and the rating of the body of water they are in. Success means the character has managed to stay afloat. Failure means the character is underwater and, if they wish to breach the water's surface, they must

spend a turn making another swimming check. A success on this second check means they are no longer underwater.

A character that cannot breathe for any reason, including submersion in water, can hold their breath for (6 + their General Physical rating) turns. After this time has been exceeded, keep a running total of the number of turns they have been unable to breathe. At the end of each turn after that point, make a resolution check against the running total you have been keeping. The character receives a wound corresponding to the level of success of that check to their Chest body location. A character regains a turn they can spend without breathing for every two turns they spend being able to breathe.

For example, a character with a General Physical rating of 1 can hold their breath for 7 turns. Unfortunately for them, they have been cast into the vacuum of space without any breathing apparatus. After the 8th turn of being in the void, they make a check against a rating of 1. Unfortunately for them, it results in a Green wound to their Chest. They now suffer from a -1 to initiative checks. The next turn, the 9th turn they could not breathe, they would make a resolution check against a rating of 2.

Below is a table of ratings for typical bodies of water:

Water Ratings	
still, flat, calm	0
slow stream, sewer, calm ocean	5
strong current, icy water	10
rapids, ocean swells	15
whitewater, windblown ocean	25
waterfall, river whirlpool, stormy seas	35
ocean whirlpool	40
hurricane on the open ocean	50

## CHAPTER 9. HAZARDS

### Poison

Every poison has a wound rating (from Green to Black) and a duration. Whenever a character is poisoned, the referee makes a check against that character's Toughness or General Physical rating. If their level of success meets or exceeds that of the poison, they do not suffer the wound the poison would inflict on them. Otherwise,

they must attempt to find and apply the antidote before duration takes effect. If they fail to do so, they suffer a wound appropriate for the Wound rating of the poison. Most poisons inflict a wound on the Gut body location, but the referee can instead decide to inflict a wound on the body location directly affected by the poison (such as an arm if it was cut by a poisoned blade).

## Chapter 10

# Character Advancement & Time Management

Players often have lofty or imaginative goals for their character. Many of these goals can only be achieved after a series of sessions or campaigns. This chapter gives some guidelines for increasing a character's strength after each session and even during a session. There are also guidelines for what a character can do while waiting for one of their magically-inclined fellows to finally finish studying.

### The Benefits of Experience

using a skill in which they are not trained.

At the end of each session, a character may gain skill points to spend on increasing their skills. A character should earn at least one skill point for attending the session, but they can earn additional points for making use of their skills.

Using a skill once or twice in a session earns them 1 additional point. Heavy use of a skill, such as fighting off a veritable horde of Mooks or Swimming across the Shadowed Sea and back again, earns a character 5 additional skill points. A referee may award 2, 3, or 4 additional skill points for using a skill some amount between these extremes. Characters can also gain 2 skill points for succeeding at

A character may earn a maximum of 10 skill points at the end of a session.

Skill points can be spent to increase skills the character already has at a one-to-one ratio. New skills can be learned at the cost of 5 skill points. These skills begin with a rating of 1. If the referee feels the current circumstances do not make sense for the character to learn a particular skill, they may ask the player to wait until it is more appropriate. An example of such a situation is a character attempting to learn Acrobatics after having spent the entire session tied to a torturer's rack.



## Luck

Each character has a certain number of luck points they can use to offset the effects of their often tumultuous fate. This number should only be known to the referee, and the player should only be informed of their total when it reaches zero. This way, the player (and their character) are never sure when their luck is going to run out.

Players can spend a luck point to re-roll a resolution check if they are upset with the results. They can also spend a luck point in order to reduce the level of a wound by one (a Black wound to a Red or a Yellow wound to a Green).

Players can also spend a variable amount of luck points if they want their character to attempt a feat that could only be possible if luck was on their side. This includes actions such as jumping from the top of a ship's mast and landing through the cannonhole of a nearby ship. If the referee declares an action could only be possible through sheer luck, the player can designate how many luck points they wish to spend. The referee then rolls on the resolution chart as if this amount of luck points were a skill rating. If this amount exceeds the character's total luck points, then the referee must roll on the character's total luck points instead. On any level of success, the character successfully completes the stunt.

The referee can award a character an additional luck point for particularly daring stunts. They could also reward the character with an additional luck point for good role-playing or greatly contributing to the table's fun.

## Training

The chapter on Magic states that a character wishing to learn a new Magic Skill must study for 6 months with a tutor. During this time, the other characters in the party could attempt to find tutors for other, more mundane skills.

Characters do not need to study under a tutor to gain a new mundane skill. They just need to spend 5 Skill Points at the end of a session. However, a character can train under a tutor in order to increase their effectiveness with a skill they already know. This tutor must possess a rating of at least 7 in the skill the character wishes to develop.

Training under a tutor rewards a character with a **Special** in that particular skill. Similar to Magic Skills, this Special is usually a +3 bonus to a specific application of the skill. One example is a character that possesses Artisan (Goldsmithing). They could train under a well-renowned ring craftsman in order to gain a +3 when crafting rings specifically. Or a character with Weapon Skill (Rapier). They could train under a master duelist in order to gain a +3 to disarm attempts.

A character can gain a Special for any skill they possess, so long as they can find a tutor they can train under. Gaining a special in a mundane skill takes 2 months. Just as with Magic Skills, training at this rate requires the character to devote all of their time to working with the tutor for the 2-month period. If they wish to train while traveling, and the tutor is willing to travel with them, they must add 1/3 more time to their training period. As such, training a Special in a mundane skill on the road will take 11 weeks.

## Professions

If a character does not wish to spend their free time training a new skill, they can instead attempt to ply their skills and line their coffers. A character can attempt to use any skill they possess in order to make money, so long as they can find an employer wishing to utilize that skill. Some examples include a merchant willing to use a character's Weapon Skill while traveling in a caravan, a cartographer tasking a character with the Navigate skill to help them accurately map out an area, or an alchemist using a character with Knowledge (Herbalism) to gather reagents from the surrounding countryside. Players (and the referee) should keep in mind that a particular employer may be less willing to employ a character with too low of a rating in a skill.

A character earns income on a weekly basis. Each week, they make a resolution check against the skill they are being employed to use. Based on their level of success, they make a certain level of income. Rather than tie the results to a certain system of currency or particular setting, the results for each level of success are described on a relative scale below:

- Failure: Enough to afford a week's lodgings on a pallet of hay in the inn's stables
- Green: Enough to afford a week of gruel and a stay in a common room
- Yellow: Enough to afford a week's meals and a stay in a private room
- Red: Enough to afford a week's lavish meals and stay in a private room

- Black: Enough to afford weekly feasts and a stay in a private suite; or enough to afford that toy you've always wanted

Of course, the above examples are just that - example values. The referee can award income at their discretion, and a character can choose to spend it in whatever way they please.

## Crafting

A character can also attempt to craft an item if they possess an appropriate skill, such as Artisan, Profession, Trade, or even Knowledge or Forgery. When they attempt to do so, they must purchase the raw materials and secure any tools or work-space required to craft the item.

When a character declares they wish to craft an object, the referee must give them a **Target Score**, which is an integer value representing the difficulty of crafting the object (for a blacksmith, this can be 2 if they are trying to craft a simple dagger or 12 if they are attempting to craft a masterfully-balanced sword customized for a particular character). The referee must also designate an amount of **Time** a character gets for each attempt. If this is something like a weapon or a small carving, that amount of time might be 6 hours, while a large manuscript or a small building might take a week.

Once a target score and a period of time has been established, the character makes a resolution check against the skill they wish to employ to craft an object. Depending on their level of success, they get 1, 2, 3, or 4 points, for a Green through Black success, respectively. These points are subtracted

## CHAPTER 10. CHARACTER ADVANCEMENT & TIME MANAGEMENT

from the target score, and the period of time the referee designated has elapsed. If the target score has been reduced to zero or lower, the character has successfully crafted the object. Otherwise, if they have enough free time, they may spend another period of time and make another resolution check. Failure does not eliminate their progress, but it does not make new progress either.

Here is a quick example: a character wishes to use their Trade (Carpentry) skill to make a small shed. The referee decides that, since the shed must not be of exceptional quality or size, the target score is only three, and

the period of time is two days. The carpenter makes a check against their skill, and they get a Yellow success. This reduces their target score by 2, which leaves it at 1, and two days pass. They make another check and get a Red success. This reduces their target score by 3, to -2, and two more days pass. The target score is at zero or lower, and the shed is complete!

If a character manages to exceed the target score, they craft an exceptional version of whatever they were attempting to make. What exactly this means for the character is up to the referee's discretion.

## Appendix A

# Resolution Charts

This appendix contains multiple renditions of the resolution chart, as there has been no established consensus as to which is best. I consider the chart contained in ZeFRS, by which this set of rules was inspired, too large and hard to read. The chapter on **The Resolution Chart** contains guidelines for reading the various iterations of the resolution chart, as well as how to determine the success of a Skill check using the resolution chart.

# APPENDIX A. RESOLUTION CHARTS

-26 to -30	1 .. 4	5 .. 10	11 .. 18	19 .. 30	31 .. 100
-21 to -25	1 .. 4	5 .. 10	11 .. 19	20 .. 31	32 .. 100
-16 to -20	1 .. 4	5 .. 11	12 .. 20	21 .. 32	33 .. 100
-11 to -15	1 .. 4	5 .. 11	12 .. 21	22 .. 33	34 .. 100
-10	1 .. 4	5 .. 12	13 .. 22	23 .. 34	35 .. 100
-9	1 .. 5	6 .. 12	13 .. 23	24 .. 36	37 .. 100
-8	1 .. 5	6 .. 13	14 .. 24	25 .. 38	39 .. 100
-7	1 .. 5	6 .. 13	14 .. 25	26 .. 40	41 .. 100
-6	1 .. 6	7 .. 14	15 .. 26	27 .. 42	43 .. 100
-5	1 .. 6	7 .. 14	15 .. 27	28 .. 44	45 .. 100
-4	1 .. 6	7 .. 15	16 .. 28	29 .. 46	47 .. 100
-3	1 .. 6	7 .. 15	16 .. 29	30 .. 48	49 .. 100
-2	1 .. 7	8 .. 16	17 .. 30	31 .. 50	51 .. 100
-1	1 .. 7	8 .. 16	17 .. 31	32 .. 52	53 .. 100
0	1 .. 7	8 .. 17	18 .. 33	34 .. 54	55 .. 100
1	1 .. 7	8 .. 18	19 .. 35	36 .. 57	58 .. 100
2	1 .. 8	9 .. 19	20 .. 37	38 .. 60	59 .. 100
3	1 .. 8	9 .. 20	21 .. 39	40 .. 63	64 .. 100
4	1 .. 9	10 .. 21	22 .. 41	41 .. 66	67 .. 100
5	1 .. 9	10 .. 22	23 .. 43	44 .. 69	70 .. 100
6	1 .. 10	11 .. 23	24 .. 45	46 .. 72	73 .. 100
7	1 .. 10	11 .. 25	26 .. 47	48 .. 75	76 .. 100
8	1 .. 11	12 .. 27	28 .. 49	50 .. 78	79 .. 100
9	1 .. 12	13 .. 29	30 .. 51	52 .. 81	82 .. 100
10	1 .. 13	14 .. 31	32 .. 53	54 .. 84	85 .. 100
11 to 15	1 .. 14	15 .. 33	34 .. 56	57 .. 88	89 .. 100
16 to 20	1 .. 15	16 .. 35	36 .. 59	60 .. 92	93 .. 100
21 to 25	1 .. 16	17 .. 37	38 .. 62	63 .. 96	97 .. 100
26 to 30	1 .. 18	19 .. 40	41 .. 66	67 .. 96	97 .. 100

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-26 to -30	1 .. 4	5 .. 10	11 .. 18	19 .. 30	31 .. 100
-21 to -25	1 .. 4	5 .. 10	11 .. 19	20 .. 31	32 .. 100
-16 to -20	1 .. 4	5 .. 11	12 .. 20	21 .. 32	33 .. 100
-11 to -15	1 .. 4	5 .. 11	12 .. 21	22 .. 33	34 .. 100
-10	1 .. 4	5 .. 12	13 .. 22	23 .. 34	35 .. 100
-9	1 .. 5	6 .. 12	13 .. 23	24 .. 36	37 .. 100
-8	1 .. 5	6 .. 13	14 .. 24	25 .. 38	39 .. 100
-7	1 .. 5	6 .. 13	14 .. 25	26 .. 40	41 .. 100
-6	1 .. 6	7 .. 14	15 .. 26	27 .. 42	43 .. 100
-5	1 .. 6	7 .. 14	15 .. 27	28 .. 44	45 .. 100
-4	1 .. 6	7 .. 15	16 .. 28	29 .. 46	47 .. 100
-3	1 .. 6	7 .. 15	16 .. 29	30 .. 48	49 .. 100
-2	1 .. 7	8 .. 16	17 .. 30	31 .. 50	51 .. 100
-1	1 .. 7	8 .. 16	17 .. 31	32 .. 52	53 .. 100
0	1 .. 7	8 .. 17	18 .. 33	34 .. 54	55 .. 100
1	1 .. 7	8 .. 18	19 .. 35	36 .. 57	58 .. 100
2	1 .. 8	9 .. 19	20 .. 37	38 .. 60	59 .. 100
3	1 .. 8	9 .. 20	21 .. 39	40 .. 63	64 .. 100
4	1 .. 9	10 .. 21	22 .. 41	41 .. 66	67 .. 100
5	1 .. 9	10 .. 22	23 .. 43	44 .. 69	70 .. 100
6	1 .. 10	11 .. 23	24 .. 45	46 .. 72	73 .. 100
7	1 .. 10	11 .. 25	26 .. 47	48 .. 75	76 .. 100
8	1 .. 11	12 .. 27	28 .. 49	50 .. 78	79 .. 100
9	1 .. 12	13 .. 29	30 .. 51	52 .. 81	82 .. 100
10	1 .. 13	14 .. 31	32 .. 53	54 .. 84	85 .. 100
11 to 15	1 .. 14	15 .. 33	34 .. 56	57 .. 88	89 .. 100
16 to 20	1 .. 15	16 .. 35	36 .. 59	60 .. 92	93 .. 100
21 to 25	1 .. 16	17 .. 37	38 .. 62	63 .. 96	97 .. 100
26 to 30	1 .. 18	19 .. 40	41 .. 66	67 .. 96	97 .. 100

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-26 to -30	4	10	18	30	100
-21 to -25	4	10	19	31	100
-16 to -20	4	11	20	32	100
-11 to -15	4	11	21	33	100
-10	4	12	22	34	100
-9	5	12	23	36	100
-8	5	13	24	38	100
-7	5	13	25	40	100
-6	6	14	26	42	100
-5	6	14	27	44	100
-4	6	15	28	46	100
-3	6	15	29	48	100
-2	7	16	30	50	100
-1	7	16	31	52	100
0	7	17	33	54	100
1	7	18	35	57	100
2	8	19	37	60	100
3	8	20	39	63	100
4	9	21	41	66	100
5	9	22	43	69	100
6	10	23	45	72	100
7	10	25	47	75	100
8	11	27	49	78	100
9	12	29	51	81	100
10	13	31	53	84	100
11 to 15	14	33	56	88	100
16 to 20	15	35	59	92	100
21 to 25	16	37	62	96	100
26 to 30	18	40	66	96	100

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-26 to -30	4	10	18	30	100
-21 to -25	4	10	19	31	100
-16 to -20	4	11	20	32	100
-11 to -15	4	11	21	33	100
-10	4	12	22	34	100
-9	5	12	23	36	100
-8	5	13	24	38	100
-7	5	13	25	40	100
-6	6	14	26	42	100
-5	6	14	27	44	100
-4	6	15	28	46	100
-3	6	15	29	48	100
-2	7	16	30	50	100
-1	7	16	31	52	100
0	7	17	33	54	100
1	7	18	35	57	100
2	8	19	37	60	100
3	8	20	39	63	100
4	9	21	41	66	100
5	9	22	43	69	100
6	10	23	45	72	100
7	10	25	47	75	100
8	11	27	49	78	100
9	12	29	51	81	100
10	13	31	53	84	100
11 to 15	14	33	56	88	100
16 to 20	15	35	59	92	100
21 to 25	16	37	62	96	100
26 to 30	18	40	66	96	100



# APPENDIX A. RESOLUTION CHARTS

	B	R	Y	G	F
-26 to -30	1 .. 4	5 .. 10	11 .. 18	19 .. 30	31 .. 100
-21 to -25	1 .. 4	5 .. 10	11 .. 19	20 .. 31	32 .. 100
-16 to -20	1 .. 4	5 .. 11	12 .. 20	21 .. 32	33 .. 100
-11 to -15	1 .. 4	5 .. 11	12 .. 21	22 .. 33	34 .. 100
-10	1 .. 4	5 .. 12	13 .. 22	23 .. 34	35 .. 100
-9	1 .. 5	6 .. 12	13 .. 23	24 .. 36	37 .. 100
-8	1 .. 5	6 .. 13	14 .. 24	25 .. 38	39 .. 100
-7	1 .. 5	6 .. 13	14 .. 25	26 .. 40	41 .. 100
-6	1 .. 6	7 .. 14	15 .. 26	27 .. 42	43 .. 100
-5	1 .. 6	7 .. 14	15 .. 27	28 .. 44	45 .. 100
-4	1 .. 6	7 .. 15	16 .. 28	29 .. 46	47 .. 100
-3	1 .. 6	7 .. 15	16 .. 29	30 .. 48	49 .. 100
-2	1 .. 7	8 .. 16	17 .. 30	31 .. 50	51 .. 100
-1	1 .. 7	8 .. 16	17 .. 31	32 .. 52	53 .. 100
0	1 .. 7	8 .. 17	18 .. 33	34 .. 54	55 .. 100
1	1 .. 7	8 .. 18	19 .. 35	36 .. 57	58 .. 100
2	1 .. 8	9 .. 19	20 .. 37	38 .. 60	59 .. 100
3	1 .. 8	9 .. 20	21 .. 39	40 .. 63	64 .. 100
4	1 .. 9	10 .. 21	22 .. 41	41 .. 66	67 .. 100
5	1 .. 9	10 .. 22	23 .. 43	44 .. 69	70 .. 100
6	1 .. 10	11 .. 23	24 .. 45	46 .. 72	73 .. 100
7	1 .. 10	11 .. 25	26 .. 47	48 .. 75	76 .. 100
8	1 .. 11	12 .. 27	28 .. 49	50 .. 78	79 .. 100
9	1 .. 12	13 .. 29	30 .. 51	52 .. 81	82 .. 100
10	1 .. 13	14 .. 31	32 .. 53	54 .. 84	85 .. 100
11 to 15	1 .. 14	15 .. 33	34 .. 56	57 .. 88	89 .. 100
16 to 20	1 .. 15	16 .. 35	36 .. 59	60 .. 92	93 .. 100
21 to 25	1 .. 16	17 .. 37	38 .. 62	63 .. 96	97 .. 100
26 to 30	1 .. 18	19 .. 40	41 .. 66	67 .. 96	97 .. 100

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-11 to -15	1 .. 4	5 .. 11	12 .. 21	22 .. 33	34 .. 100
-10	1 .. 4	5 .. 12	13 .. 22	23 .. 34	35 .. 100
-9	1 .. 5	6 .. 12	13 .. 23	24 .. 36	37 .. 100
-8	1 .. 5	6 .. 13	14 .. 24	25 .. 38	39 .. 100
-7	1 .. 5	6 .. 13	14 .. 25	26 .. 40	41 .. 100
-6	1 .. 6	7 .. 14	15 .. 26	27 .. 42	43 .. 100
-5	1 .. 6	7 .. 14	15 .. 27	28 .. 44	45 .. 100
-4	1 .. 6	7 .. 15	16 .. 28	29 .. 46	47 .. 100
-3	1 .. 6	7 .. 15	16 .. 29	30 .. 48	49 .. 100
-2	1 .. 7	8 .. 16	17 .. 30	31 .. 50	51 .. 100
-1	1 .. 7	8 .. 16	17 .. 31	32 .. 52	53 .. 100
0	1 .. 7	8 .. 17	18 .. 33	34 .. 54	55 .. 100
1	1 .. 7	8 .. 18	19 .. 35	36 .. 57	58 .. 100
2	1 .. 8	9 .. 19	20 .. 37	38 .. 60	59 .. 100
3	1 .. 8	9 .. 20	21 .. 39	40 .. 63	64 .. 100
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7	1 .. 10	11 .. 25	26 .. 47	48 .. 75	76 .. 100
8	1 .. 11	12 .. 27	28 .. 49	50 .. 78	79 .. 100
9	1 .. 12	13 .. 29	30 .. 51	52 .. 81	82 .. 100
10	1 .. 13	14 .. 31	32 .. 53	54 .. 84	85 .. 100
11 to 15	1 .. 14	15 .. 33	34 .. 56	57 .. 88	89 .. 100
16 to 20	1 .. 15	16 .. 35	36 .. 59	60 .. 92	93 .. 100
21 to 25	1 .. 16	17 .. 37	38 .. 62	63 .. 96	97 .. 100
26 to 30	1 .. 18	19 .. 40	41 .. 66	67 .. 96	97 .. 100

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-26 to -30	4	10	18	30	100
-21 to -25	4	10	19	31	100
-16 to -20	4	11	20	32	100
-11 to -15	4	11	21	33	100
-10	4	12	22	34	100
-9	5	12	23	36	100
-8	5	13	24	38	100
-7	5	13	25	40	100
-6	6	14	26	42	100
-5	6	14	27	44	100
-4	6	15	28	46	100
-3	6	15	29	48	100
-2	7	16	30	50	100
-1	7	16	31	52	100
0	7	17	33	54	100
1	7	18	35	57	100
2	8	19	37	60	100
3	8	20	39	63	100
4	9	21	41	66	100
5	9	22	43	69	100
6	10	23	45	72	100
7	10	25	47	75	100
8	11	27	49	78	100
9	12	29	51	81	100
10	13	31	53	84	100
11 to 15	14	33	56	88	100
16 to 20	15	35	59	92	100
21 to 25	16	37	62	96	100
26 to 30	18	40	66	96	100

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	B	R	Y	G	F
-26 to -30	4	10	18	30	100
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-16 to -20	4	11	20	32	100
-11 to -15	4	11	21	33	100
-10	4	12	22	34	100
-9	5	12	23	36	100
-8	5	13	24	38	100
-7	5	13	25	40	100
-6	6	14	26	42	100
-5	6	14	27	44	100
-4	6	15	28	46	100
-3	6	15	29	48	100
-2	7	16	30	50	100
-1	7	16	31	52	100
0	7	17	33	54	100
1	7	18	35	57	100
2	8	19	37	60	100
3	8	20	39	63	100
4	9	21	41	66	100
5	9	22	43	69	100
6	10	23	45	72	100
7	10	25	47	75	100
8	11	27	49	78	100
9	12	29	51	81	100
10	13	31	53	84	100
11 to 15	14	33	56	88	100
16 to 20	15	35	59	92	100
21 to 25	16	37	62	96	100
26 to 30	18	40	66	96	100