

**6.1.1 HIT LOCATION TABLES**

1d10 roll: . . . . . 1 . . . . . 2 . . . . . 3 . . . . . 4,5,6 . . . . . 7,8 . . . . . 9,10  
**Humanoid** . . . . . head . . . . . right arm . . . . . left arm . . . . . torso . . . . . right leg . . . . . left leg

1d10 roll: . . . . . 1,2 . . . . . 3,4 . . . . . 5,6 . . . . . 7,8 . . . . . 9,10  
**Quadruped** . . . . . head . . . . . forebody torso . . . . . fore legs . . . . . hindbody torso . . . . . hind legs

1d10 roll: . . . . . 1,2 . . . . . 3 . . . . . 4,5 . . . . . 6 . . . . . 7,8 . . . . . 9,10  
**Lizard** . . . . . head . . . . . forebody torso . . . . . fore legs . . . . . hindbody torso . . . . . hind legs . . . . . tail

1d10 roll: . . . . . 1 . . . . . 2,3 . . . . . 4,5 . . . . . 6,7 . . . . . 8,9 . . . . . 10  
**Insect** . . . . . head . . . . . grasping legs . . . . . torso . . . . . fore legs . . . . . hind legs . . . . . tail (\*torso)

1d10 roll: . . . . . 1 . . . . . 2 . . . . . 3 . . . . . 4,5,6 . . . . . 7,8 . . . . . 9 . . . . . 10  
**Winged** . . . . . head . . . . . right arm . . . . . left arm . . . . . wings . . . . . torso . . . . . legs (tright leg) . . . . . tail (tleft leg)

\* if body has no tail, consider result torso instead.

† if body has no tail, consider result right or left leg as indicated (if it has a tail, 'legs' result indicates both legs).

**Regional Terrain & Travel Table**

Elevation Class (code) title	Vegetation Class (code) description	Visibility (in leagues)	Travel Rates. in hours per league								
			Cross Country		Trail		unimproved Road		improved Road		
			foot	horse	foot	horse	foot	horse	foot	horse	
(A) High Peaks	(0) Snow & Ice Peaks . . . . .	.2 leagues		.climb	.7½	.X	.5	.5	.4½	.4½	
	(1) Barren Rock Peaks . . . . .	.2 leagues		.climb	.6½	.X	.4½	.4½	.3½	.3½	
	(B) Major Mountains	(0) Snow & Ice Mountains . . . . .	.2 leagues	.6	.5½	.5½	.5	.4½	.3½	.3½	.3½
		(1) Barren Mountains . . . . .	.2 leagues	.4½	.4½	.4	.3½	.3½	.3	.3	.2½
		(3) Above Treeline on Mountains . . . . .	.3 leagues	.5	.4½	.4	.3½	.3½	.2½	.2½	.2½
		(4) At Treeline on Mountains . . . . .	.2 leagues	.5½	.5	.4½	.3½	.3	.2½	.2½	.2
		(5) Lightly Wooded Mountains . . . . .	.1 league	.5½	.5½	.4½	.4	.3	.2½	.2½	.2
		(6) Forested Mountains . . . . .	.0	.6½	.6½	.4½	.4½	.3½	.3	.2½	.2
		(7) Densely Forested Mountains . . . . .	.0	.7½	.7½	.4½	.4½	.4	.3½	.3½	.2½
(8) Jungle Mountains . . . . .		.0	.9	.9	.6	.6	.5	.5	.4	.3½	
(C) Hills or Broken Country	(0) Snow-covered Hills . . . . .	.4 leagues	.3½	.3	.3½	.3	.2½	.1½	.1½	.1½	
	(1) Rocky Badlands/Broken Icefield . . . . .	.3 leagues	.3½	.3	.2½	.2½	.2	.1½	.1½	.1	
	(2) Grassy Hills . . . . .	.4 leagues	.2½	.2	.2½	.1½	.2	.1½	.1½	.1	
	(3) Brush Hills . . . . .	.3 leagues	.3	.2½	.2½	.1½	.2	.1½	.1½	.1	
	(4) Open Hilltops & Sheltered Groves . . . . .	.2 leagues	.3	.2½	.2½	.1½	.2	.1½	.1½	.1	
	(5) Lightly Wooded Hills . . . . .	.1 league	.3½	.3	.2½	.2½	.2	.1½	.1½	.1	
	(6) Forested Hills . . . . .	.0	.4½	.3½	.3	.2½	.2	.1½	.1½	.1	
	(7) Densely Forested Hills . . . . .	.0	.5	.5	.4	.3½	.3½	.3	.1½	.1½	
	(8) Jungle Hills . . . . .	.0	.6½	.6½	.5	.5	.4½	.3½	.2½	.2	
(D) Lightly Rolling	(0) Sand Dunes, Wadis/Snow on Ice . . . . .	.5 leagues	.3½	.2½	.2½	.2½	.1½	.1	.1½	.¾	
	(1) Rock Gullies/Icefield . . . . .	.5 leagues	.3	.2½	.2½	.1½	.1½	.¾	.1	.¾	
	(2) Broken Grassland . . . . .	.5 leagues	.2½	.1½	.1½	.1½	.1½	.¾	.1	.¾	
	(3) Brushland . . . . .	.4 leagues	.2½	.1½	.1½	.1½	.1½	.¾	.1	.¾	
	(4) Veldt (grass with clumps of trees) . . . . .	.3 leagues	.2½	.1½	.1½	.1½	.1½	.¾	.1	.¾	
	(5) Light Woods . . . . .	.1 league	.2½	.2	.2	.1½	.1½	.¾	.1	.¾	
	(6) Forest . . . . .	.0	.3½	.2½	.2½	.2	.1½	.¾	.1	.¾	
	(7) Dense Forest . . . . .	.0	.4	.4	.2½	.2½	.2½	.1½	.1	.¾	
	(8) Jungle . . . . .	.0	.5½	.5½	.4	.4	.3	.2½	.2	.1½	
(E) Flat Land	(0) Sand or Salt Pan/Snowfield . . . . .	.3 leagues	.3½	.2½	.2½	.1½	.1½	.1	.1½	.¾	
	(1) Hard, Rocky Plain/Ice Sheet . . . . .	.3 leagues	.2½	.2	.2	.1½	.1½	.¾	.1	.¾	
	(2) Grass Steppe . . . . .	.3 leagues	.2	.1½	.1½	.1	.1½	.¾	.1	.¾	
	(3) Brush Steppe . . . . .	.3 leagues	.2½	.1½	.1½	.1	.1½	.¾	.1	.¾	
	(4) Veldt (grass with clumps of trees) . . . . .	.2 leagues	.2	.1½	.1½	.1	.1½	.¾	.1	.¾	
	(5) Light Woods . . . . .	.1 league	.2½	.2	.1½	.1½	.1½	.¾	.1	.¾	
	(6) Forest . . . . .	.0	.3	.3	.1½	.1½	.1½	.1	.1	.¾	
	(7) Dense Forest . . . . .	.0	.3½	.3½	.2½	.2½	.2½	.1½	.1	.¾	
	(8) Jungle . . . . .	.0	.5½	.5½	.3½	.3½	.2½	.2½	.1½	.¾	
(F) Shallow Water	(2) Grass Marsh . . . . .	.2 leagues	.4½	.3½	.3½	.2½	.2½	.1½	.1½	.1	
	(4) Flood Plain Marsh with Trees . . . . .	.2 leagues	.4	.2½	.3	.2½	.2	.1½	.1½	.¾	
	(6) Swamp . . . . .	.0	.6	.5½	.4½	.3½	.3	.2½	.1½	.1½	
	(7) Dense Swamp . . . . .	.0	.8½	.8	.5½	.5½	.4½	.3½	.2½	.2	
	(8) Impenetrable Swamp . . . . .	.0	.X	.X	.7	.6½	.5½	.5	.4	.3½	
	Streams	(s) Minor Stream . . . . .	—	.¾	.¾	.0	.¾	.0	.0	.0	.0
		(SS) Major Stream . . . . .	—	.½	.½	.¾	.¾	.0	.0	.0	.0
	Rivers	(r) Minor River . . . . .	—	.2	.1½	.½	.½	.0	.0	.0	.0
		(RR) Major River . . . . .	—		swim		swim	.¾	.¾	.¾	.¾
Cliffs	(c) Low Cliff, elevation C . . . . .	blocks upward	.3	.4	.2	.2	.1½	.1½	.1	.1	
	(CC) High Cliff, elevation B . . . . .	blocks upward		climb	.3	.4	.2½	.2½	.2	.2	
Inhabited	Large Town or City (elevation E) . . . . .	.0		climb	.4	.5	.3	.3	.2	.2	
	Fortress Wall (elevation D) . . . . .	blocks		climb		secret door	.2	.2	.2	.2	

**Key:** X=impassable, 'climb'=must use technical climbing skill, 'swim'=must use swimming skill, '—'=no effect, 'secret door'=typical entrance is secret door from a trail.

**Skills Summary**

Skill	Sphere	Minimum	Maximum
Weapon Use	F	strength*	.80+(strength)
		*natural weapon minimum is (strength)+(agility)	
Weapon Speed	F	agility	.80+(agility)
Evaluate Opponent	F	no	.yes
Ambush	F,S	agility	.80+(intelligence)
Detect Danger	F,S	intelligence	.80+(intelligence)
Conceal	S	intelligence	.80+(intelligence)
Stalk & Slink	S	agility	.80+(agility)
Detect Concealment	S	intelligence	.80+(intelligence)
Disarm Trap	S	agility	.80+(intelligence)
Pickpocket	S	0	2½x(agility+intelligence)
Underworld	T	intelligence	100 - (social status)
Diplomacy	T	intelligence	.80+(intelligence)
		(add double social status when interacting with this skill)	
Haggling	T	intelligence	.80+(intelligence)
Bribery	T	intelligence	.80+(intelligence)
Gambling	T	intelligence	.80+(agility)
Drinking	T	mass	.80+(mass)
Cooking	T,A/C	intelligence	.99
Dancing	T,A/C	agility	.80+(agility)
Riding	T,C	agility	.80+(strength)
Swimming	C	strength	.80+(strength)
Climbing	C	agility	.80+(strength)
Tracking	C	intelligence	.99
Wild Food	C	intelligence	.99
Hunting	C	intelligence	.99
Fishing	C	intelligence	.80+(agility)
Scribe	A/C	0	.99
Tailor	A/C	0	.99
Pottery & Glassblowing	A/C	0	.99
Jeweler	A/C	0	.99
Locksmith	A/C	0	.99
Doctor/Druggist	A/C	0	.80+(intelligence)
Leatherworker	A/C	0	.99
Armorer	A/C	0	.99
Bowyer	A/C	0	.99
Builder	A/C	0	.99
Miner	A/C	0	.99
Artist	A/C	0	.99
Musician	A/C	0	.99
Identify Fire	M	no	.yes
Identify Metal	M	no	.yes
Identify Crystal	M	no	.yes
Identify Water	M	no	.yes
Identify Wood	M	no	.yes
Identify Wind	M	no	.yes
Identify Light/Dark	M	no	.yes
Know Fire Spells	M	no	.yes
Know Metal Spells	M	no	.yes
Know Crystal Spells	M	no	.yes
Know Water Spells	M	no	.yes
Know Wood Spells	M	no	.yes
Know Light/Dark Spells	M	no	.yes
Spiritual Knowledge	M	no	.yes
Vitriolic Humor Knowledge	M	no	.yes
Phlegmatic Humor Knowledge	M	no	.yes
Choleric Humor Knowledge	M	no	.yes
Melancholy Humor Knowledge	M	no	.yes
Warlord	L/A	intelligence	60+(intelligence x 2)
Politician	L/A	social status	60+(intelligence x 2)
Economist/Administrator	L/A	intelligence	60+(intelligence x 2)
Personnel Management	L/A	intelligence	60+(intelligence x 2)
Know Region†	G	no	.yes
Know Locale†	G	no	.yes
Speak Language†	G	no	.yes
Read/Write	G	no	.yes
Know Race/People†	G	no	.yes

† indicates various skills, depending on region, locale, or races in the world.

Sphere Abbreviations: F=fighting, S=stealth, T=town, C=country, A/C=arts and crafts, M=magic, L/A=leadership and administration, G=general knowledge.

**2d6 roll**

*NPC reaction and attitude*

- 2 or less . . . . . instant enemy, is grossly insulted, will attack if possible
- 3 . . . . . very hostile, insulted, draws weapon and ready to fight, other skills or interaction not possible
- 4 . . . . . hostile, sneers, makes sure weapons are at hand, draws if you draw other skills -75, interactions competitive
- 5 . . . . . uncooperative, negative response, not insulting other skills -50, interactions competitive
- 6 . . . . . restrained and cautious, provides no information, but not impolite other skills -25, interactions may be competitive
- 7 . . . . . neutral, non-committal, tries to remain uninvolved other skills normal if forced commit him/herself, roll again with extra -1 modifier
- 8 . . . . . cautiously receptive, answers questions in a restrained manner, other skills normal, interactions not competitive
- 9 . . . . . casual friendliness, provides simple answers to casual questions, evades difficult or serious questions, other skills +25, interactions not competitive
- 10 . . . . . response, provides full answers to questions, ready to be friends other skills +50, interactions not competitive
- 11 . . . . . friendly, will volunteer information, will join party for reasonable pay, other skills +75, interactions not competitive
- 12 or more . . . . . genuinely friendly and helpful, volunteers detailed information may give gifts, wishes to join party (for very little in return at times) other skills and interactions with this NPC are always successful

**Reaction Modifiers**

*(add and subtract all that apply, to the 2d6 roll above)*

- +1 . . . . . character has family, residence, or common background with NPC
- +1 . . . . . character successfully uses diplomacy skill to promote trust
- +1 . . . . . meeting occurs in social gathering for 'better society' in civilization
- 1 . . . . . meeting occurs in wild, dangerous or uncivilized place
- 1 . . . . . character has weapon(s) ready (but not drawn) and is armored for battle
- 2 . . . . . character has drawn weapon(s) in hand, armored or not
- 2 . . . . . character is of race or cultural group naturally hostile to NPC

The term 'character' above refers to the player's character.

**FUMBLE TABLE**

**2d6 roll**

*Result*

- 2 or less . . . . . Hit oneself with own weapon
- 3 . . . . . Stumble
- 4 . . . . . Hit friend with weapon (no effect if no friends in range)
- 5, 6 . . . . . Distracted
- 7 . . . . . Weapon Entangled
- 8 . . . . . Drop Weapon
- 9 . . . . . Stumble
- 10 . . . . . Weapon Entangled
- 11 . . . . . Drop Weapon
- 12 . . . . . Stumble
- 13, 14 . . . . . Drop Weapon
- 15+ . . . . . Stumble

**Dice Roll Modifiers for Fumble Table**

- 3 . . . . . all flails
- 2 . . . . . all L1 weapons except hammers/maces
- 1 . . . . . all hammers and maces
- +1 . . . . . all L3 weapons except flails
- +2 . . . . . all L4 weapons except flails

**Weapons Data Summary**

WEAPON class	name	(material)	min. Min. Strength			weapon length	MISSILE RANGES				damage die roll	wound type(s)	breakage number
			social status	1-hd use	2-hd use		short	medium	long	extreme			
shield	Light Shield	wood or leather	5	4	2	L1	x	x	x	1-2	1d6-4	.S	7
shield	Heavy Shield	wood or metal	12	8	4	L1	x	x	x	1	1d6-3	.S	10
club	Improvised Club	varies	1	8	3	L1	x	x	x	2-4	1d6-1	.S	4
club	Club	wood	2	6	2	L1	x	x	x	2-3	1d6	.S	8
club	Spiked Club	wood & metal	2	15	9	L2	x	x	x	2-4	1d6+1	.C&S.	8
club	Giant Club	wood	2	18	13	L2	x	x	x	2-4	1d6+3	.S	12
stave	Staff	wood	2	11	5	L2	x	x	x	2	1d10-3	.S	7
stave	Quarterstaff	wood	5	9	4	L2	x	x	x	2	1d10-2	.S	9
dagger	Knife (throwable)	metal	2(5)	2	1	L1	(2-4)	(5-9)	(10-14)	(15-20)	1d6-2	.T	4
dagger	Dagger (throwable)	metal	4(7)	3	1	L1	(2-3)	(4-6)	(7-9)	(10-12)	1d6-1	.T	6
sword	Shortsword	metal	4	4	2	L1	x	x	x	2-3	1d6	.T or C	9
sword	Scimitar	metal	7	6	3	L2	x	x	x	2	1d6+1	.C	8
sword	Longsword	metal	8	8	4	L2	x	x	x	2	1d10	.T or C	11
sword	Rapier	metal	9	3	1	L2	x	x	x	2-3	1d6	.T	7
sword	Hand-and-a-half	metal	11	13	7	L2	x	x	x	2	1d10+1	.C and/or T	12
sword	Greatsword	metal	13	18	13	L2	x	x	x	2	1d10+2	.C	13
axe	Hand Axe	metal	5	12	6	L1	x	2	3-4	5-6	1d6+1	.C	8
axe	Throwing Axe	metal	5	10	4	L1	2-3	4-5	6-9	10-15	1d6+1	.C	7
axe	Battle Axe	metal	6	17	12	L2	x	x	x	2	1d6+3	.C	10
axe	Halberd	metal & wood	8	18	11	L3	x	x	x	3-4	1d10+1	.T or C	11
hammer/mace	Maul	stone	3	23	16	L2	x	x	x	2-3	1d10+3	.S	13
hammer/mace	Hammer	metal	5	12	6	L1	x	2-3	4-5	6-9	1d6+1	.S or T	8
hammer/mace	Great Hammer	metal	6	18	13	L2	x	x	x	2	1d6+3	.S or T	10
hammer/mace	Mace	metal	11	12	6	L1	x	2	3-4	5-6	1d6+2	.S	10
hammer/mace	Giant Mace	metal	11	18	13	L2	x	x	x	2	1d10+2	.S	12
flail	Whip	leather	6	4	1	L3	x	x	x	3-5	1d6-1	.C	8
flail	Military Flail	metal	7	19	12	L3	x	x	x	3-5	1d10+1	.C or S	11
spear	Spear	wood	4	13	6	L3	x	3-4	5-8	9-15	1d6+1	.T	8
spear	Pike	wood	7	25	12	L4	x	x	x	x	1d6+3	.T	9
spear	Metal Shod Spear	metal & wood	10	15	9	L3	x	x	x	3	1d6+2	.T	10
spear	Lance	wood	14	14	9	L3	x	x	x	3-4	1d6+3	.T	9
hand missile	Rock	stone	0	2	1	L1	2	3-9	10-18	19-30	1d6-3	.S	4
hand missile	Large Rock	stone	0	20	12	L1	1	2-4	5-12	13-20	1d6+3	.S	9
hand missile	Javelins (2)	wood	4	7	x	L1	2-8	9-25	26-60	61-100	1d6	.T	6
hand missile	Throwing Spears (2)	metal	6	8	6	L2	2-4	5-8	9-15	16-25	1d6+1	.T	4
hand missile	Darts (5-6)	wood or metal	8	4	x	L1	2-12	13-30	31-50	51-75	1d6-2	.T	6
hand missile	Throwing Stars (10)	metal	10	1	x	L1	1-10	11-20	21-30	31-40	1d6-1	.C	8
sling	Sling (20 stones)	leather/stone	2	4	x	missile	3-20	21-50	51-70	71-100	1d6-1	.S	never
sling	Sling (20 bolts)	leather/metal	6	4	x	missile	3-20	21-50	51-80	81-120	1d6	.S	never
sling	Bolo	stone/leather	3	8	3	L2	2-8	9-20	21-30	31-40	1d6+1	.S	7
bow	Light Bow (20 arrows)	wood	6	x	6	L2	2-24	25-60	61-102	103-150	1d6-1	.T	3
bow	Medium Bow (20 arw)	wood	7	x	10	L2	2-40	41-100	101-170	171-250	1d6	.T	4
bow	Long/Composite Bow	wood	8	x	12	L2	2-48	49-144	145-240	241-360	1d10	.T	4
crossbow	Crossbow (20 quarrels)	wood/metal	8	x	8	L1	2-40	41-80	81-180	181-300	1d6+2	.T	5
crossbow	Arbalest (12 quarrels)	wood/metal	8	x	13	L1	2-50	51-150	151-250	251-400	1d6+4	.T	5
natural	Humanoid/Fist	arm	0	2	1	L1	x	x	x	x	1d6-3	.S	2
(for every 25 in weapon use, add one to damage and two to breakage number)													
natural	Humanoid Kick	leg	0	3	x	L1	x	x	x	x	1d6-4	.S	2
(for every 20 in weapon use, add one to damage and two to breakage number)													
natural	Quadruped Kick	fore/hind qtrs.	0	x	9	L1	x	x	x	x	1d10-2	.S	8
(for every 5 mass over minimum, add one to breakage)													
natural	Small Claw	arm or leg	0	2	1	L1	x	x	x	x	1d6-2	.C	4
(for every 30 in weapon use, add one to damage and two to breakage number)													
natural	Large Claw	arm or leg	0	10	x	L1	x	x	x	x	1d10-2	.C	8
(for every 5 mass over minimum, add one to breakage)													
natural	Fangs	head	0	4	x	L0	x	x	x	x	1d6-1	.T	5
(for every 6 mass over minimum, add one to breakage)													
natural	Tail	tail	0	5	x	L2	x	x	x	x	1d6	.S	6
(for every 5 mass over minimum, add one to breakage)													
natural	Stinger	tail usually	0	x	x	L2	x	x	x	x	1d6	.poison	6
(striker's strength has no effect on damage)													
natural	Deadly Stinger	tail usually	0	x	x	L2	x	x	x	x	1d6+3	.poison	9
(striker's strength has no effect on damage)													

**Weapon Breakage Results Table**

(add one to 1d6 roll for each point damage exceeds breakage number)

1d6	Striking/Parrying with Weapon	Striking with Body	Intercepting with Shield
1, 2	weapons unaffected.	body unaffected.	shield unaffected
3, 4	weapon blunted/chipped, damage reduced by two points until minor repairs made	body wound, suffer 2 smash wound points	shield weakened, breakage number reduced by 2
5	weapon shaft/handle breaks, bends, useless until minor repairs made	body wound, suffer 3 smash wound points	shield fractured, useless until minor repairs made
6+	weapon broken or shattered into 1d6+1 pieces, useless until major repairs made	body wounded, suffer smash wound points equal to half character's mass	shield broken or shattered into 1d6+1 pieces, useless until major repairs made

## 10.8 Elemental Spells Summary

<b>Fire Spells</b>	<i>pure element - Lachel</i>	<i>reflection - flame of a pure beeswax candle</i>
1 .Heat	uncomfortably warm (use hit location if ranged), can set highly combustible item afire in ideal conditions	
1 .Extinguish	puts out fire (renders materials non-combustible), maximum area is 3 paces square	
1 .Cauterize	heals any one cut or thrust wound, but leaves 1 pt burns in place instead	
2 .Torch	sets combustibles afire (use hit location if ranged), burning clothes/hair cause 1 pt burns/instant in that location	
2 .Insulate	gives protection against all fire and heat for 2 minutes	
3 .Burnthru	sets combustibles afire, non-combustibles 1d6/2 pts burns or damage (use hit location if ranged)	
3 .Fireproof	gives complete protection from all fire and heat for 1 day, on non-living objects only	

<b>Metal Spells</b>	<i>pure element - Mithrill</i>	<i>reflection - silver</i>
1 .Shield	adds protection, -3 pts from metal weapon hit, -1 pt from any other weapon material hit, spell lasts 2 minutes	
1 .Temper	doubles breakage number, lasts 2 minutes, cancelled by shatter (metal)	
1 .Excise	removes item embedded in body of character, without any injury effects	
2 .Keennes	adds two (+2) to damage by cut (C) or thrust (T) metal weapon, lasts 2 minutes	
2 .Shatter	shatters metal object into 2d6 fragments, cancelled by temper (metal)	
3 .Bendback	turns metal object against owner for 2 minutes	
3 .Transmute	turn one metal into another, 1d6 for time, 1=1 sec, 2=1 min, 3=1 hr, 4=1 day, 5=1 yr, 6=forever (+1 per extra node)	

<b>Crystal Spells</b>	<i>pure element - Silima</i>	<i>reflection - diamond</i>
1 .Gemfind	direction and vague distance to nearest precious gem	
1 .Reality Reflection	conceals existence or use of magic for 2 minutes	
1 .Keepwarm	protects against normal cold for 1 day	
1 .Salve	heals all burns but 1 point on any one body location, caster must contact location	
2 .Chill	suffer cold for 2 minutes, agility, quickness, and weapon speed halved, cancelled by keepwarm (crystal)	
2 .Clarity	see through illusions of equal or lower power (in terms of nodal strength)	
3 .Frostbite	point frozen for 2 minutes, only suffer half damage during this time, then thaw and suffer 1d6 points smash damage	
3 .Vision	see up to one league, or beyond to a known location, for up to 2 minutes	

<b>Water Spells</b>	<i>pure element - Veraqua</i>	<i>reflection - springwater</i>
1 .Quench	provides all water for 1 day while quenching all thirst, repairs any dehydration	
1 .Purify	removes poisons and toxins from item or body	
1 .Gills	allows normal breathing and speech while under water, lasts 2 minutes	
2 .Current	water flow of 1 league per hour (6 paces per instant, 30 (1½) per period, or approximately 2½ mph)	
2 .Slipside	target character must pass agility test to stand, another to move, each instant, lasts 2 minutes	
3 .Choke	target chokes for 1 period (20 seconds), rendered totally helpless and mentally unable, second will kill (test vs. swimming)	
3 .Flow	turn to semi-liquid and move as water, lasts 2 minutes	

<b>Wood Spells</b>	<i>pure element - Druidheart</i>	<i>reflection - oak</i>
1 .Heartoak	doubles breakage number, lasts 2 minutes, cancelled by chop	
1 .Warp	deflects path of wooden object, -30 to weapon use skill, lasts 2 minutes	
1 .Splint	heals all but one wound point of smash on any one body location, can be used on living tree also	
2 .Woodgrow	joins permanently two wooden parts, if joining wood to non-wood it only holds for 2 minutes	
2 .Chop	cuts wooden object along one line/plane, cancelled by heartoak	
3 .Bonebreak	shatters bones on target location, damage is mass/3 wound points	
3 .Trow	seals pledge (4-node unique trow can be reversed only by original caster)	

<b>Wind Spells</b>	<i>pure element - Magzul</i>	<i>reflection - west wind</i>
1 .Eavesdrop	hear anything in sight, for 2 minutes	
1 .Refresh	counteracts all exhaustion, +4 strength, can carry 4 extra items, lasts 2 minutes, no exhaustion afterwards	
1 .Resuscitate	restores breathing, counteracts choke (water) spell or drowning, etc.	
2 .Longspeech	project voice in any one direction, up to maximum vision range, for 2 minutes	
2 .Breeze	moderate wind, flying speed either 50% or 150% normal, fall at half speed (-1 per die roll in falling damage)	
2 .Eyedust	covers area 6 paces square, 1 story tall, halves weapon speed and use in area, agility test for other acts, lasts 2 minutes	
3 .Fear	flee unless pass intelligence test each period (combat) or each minute (non-combat), lasts 2 minutes	
3 .Soar	'fly' (move on air) at double the normal ground rate, lasts 15 minutes (¼ hour)	

<b>Light and Darkness Spells</b>	<i>pure element - Sundrop/Pitchblack</i>	<i>reflection - sunlight/deep shadow</i>
1 .Flash/Blackflash	blinds outward for 6 paces, 2 instants facing toward, 1 instant facing away (avoid by agility and intelligence test)	
1 .Shadow	conceals one character already in natural shadow, lasts 2 minutes	
1 .Cure	removes all diseases from character (including infections), does not cure wounds inflicted by that disease	
2 .Blindeye	total blindness on character for 1 minute	
2 .Heavyweight	doubles mass and weight (character's mass is doubled, agility halved), lasts 1 hour, cancelled by lightweight	
3 .Lightweight	halves mass and weight (character mass halved, agility +1), lasts 1 hour, cancelled by heavyweight	
3 .Immune	total immunity to all diseases for 1 day (no effect on diseases already contracted)	

<i>d100 roll</i>	<i>Enchanted node consumption effect</i>
01 . . . . .	node consumed regardless of age
02 . . . . .	node consumed in new or old object only (unaffected if ancient)
03 . . . . .	node consumed in new object (unaffected if old or ancient)
04-99 . . . . .	node is unaffected
100 . . . . .	object's age advances one level (new to old, old to ancient)

New applies to any object less than a year old, old applies to any object between 1 and 100 years old, ancient applies to objects over 100

<i>missile modifier</i>	<i>striking modifier</i>	<i>situation</i>
+25	+50	target unaware or surprised
+difference	+difference	agility difference (if it adds)
x2/3	does not apply	firing missile at medium range
x1/3	does not apply	firing missile at long range
-50, x1/3	does not apply	firing missile at extreme range
-difference	-difference	agility difference (if it subtracts)
+15	+30	target not moving
-10	-10	aimed at rider or mount (if target mounted)
-20	-20	aimed at specific part of the body

### Basic Equipment Summary

<i>social status req.</i>	<i>counts as item?</i>	<i>name of item</i>	<i>purpose and function</i>
<b>Travel Gear</b>			
1	.yes	.Bedroll and/or blanket	basic materials for good sleep
1	.yes	.Backpack or carrying pack	carry items without encumbrance
1	.yes	.Flask and pouch	carries one day's food and drink
1	.yes	.Waterskin	carries seven days of drink
1	.yes	.Rations Pack	carries seven days of food
1	.yes	.Cook Gear	eating utensils, gear for cooking skill
1	.yes	.Extra-warm clothing	for very cold weather
4	.yes	.Tent and groundcloth	holds 2-4, for bad weather sleeping
6	.yes	.Mule	carries one man and gear, or cargo load
6	.yes	.Small boat	carries 2 men and gear, or cargo load
6	.yes	.Small cart	requires draft animal, men or loads equal animals
8	.yes	.Riding or Draft Horse	carries man and gear, or cargo load
15	.yes	.Warhorse or Courser	carries one man and gear (only)
<b>Adventure Gear</b>			
1	.yes	.Torches	five, each burns 3-4 hours
1	.yes	.Rope	50-foot length
1	.yes	.Digging Tools	pick and shovel
6	.yes	.Lantern	burns 7 days continuously, or 30 evenings
6	.yes	.Climbing gear	100' rope, climbing tools (hammer, spikes, etc.)
7	.yes	.Hunting or fishing gear	traps and snares, or nets
8	.yes	.Journeyman's tools	travelling tools for an Arts/Crafts skill
<b>Magic Gear</b>			
0	.yes	.Small Containers	variety of items to hold nodes
<b>Personal Armor</b>			
4	.no	.Leather jerkin, or coat	-2 pts on torso, legs too if desired
5	.no	.Leather helmet	-2 pts on head
6	.no	.Leather bracers	-2 pts on arms
7	.no	.Open metal helmet	-4 pts on head
9	.no	.Greaves	-3 pts on legs, requires strength 7+
10	.yes	.Flexible metal corselet	-4 pts on torso, requires strength 5+
12	.yes	.Flexible metal coat	-4 pts on torso & arms, requires strength 7+
13	.no	.Breastplate	-6 pts on torso, requires strength 6+
14	.no	.Closed metal helmet	-6 pts on head
15	.yes	.Half Plate	-6 pts torso, -5 pts legs, -3 pts arms, strength 8+
16	.no	.Vambraces	-5 pts on arms
17	.yes	.Full Plate	-6 pts everywhere, requires strength 9+
<b>Armor for Mounts</b>			
9	.no	.Light leather bards	-1 pt forebody and hindbody
11	.no	.Leather half bard	-2 pts head, forebody, forelegs
12	.yes	.Leather housing	-2 pts everywhere
14	.no	.Metal chanfron	-4 pts on head
17	.yes	.Metal chest barding	-4 pts forebody and forelegs
18	.yes	.Complete metal barding	-4 pts everywhere

**NODE ALIGNMENT TABLE**

<i>c'</i> Total power of all unused nodes already aligned and owned by the character	<i>s'</i> Power of the node the character is attempting to align:					
	1-node	2-node	3-node	4-node	5-node	6-node*
0	50%	25%	none	none	none	none
1	55%	30%	5%	none	none	none
2	60%	35%	10%	none	none	none
3	65%	40%	15%	none	none	none
4	70%	45%	20%	none	none	none
5	75%	50%	25%	none	none	none
6	80%	55%	30%	5%	none	none
7	85%	60%	35%	10%	none	none
8	90%	65%	40%	15%	none	none
9	95%	70%	45%	20%	none	none
10	99%	75%	50%	25%	none	none
11	99%	80%	55%	30%	5%	none
12	99%	85%	60%	35%	10%	none
13	99%	90%	65%	40%	15%	none
14	99%	95%	70%	45%	20%	none
15	99%	99%	75%	50%	25%	none
16	99%	99%	80%	55%	30%	5%
17	99%	99%	85%	60%	35%	10%
18	99%	99%	90%	65%	40%	15%
19	99%	99%	95%	70%	45%	20%
20*	99%	99%	99%	75%	50%	25%

\*If 'c' is greater than 20, or 's' is greater than 6-power, use the alignment equation to compute percentage chance of success:

$$5c - 25s + 75 = \% \text{ chance of success (maximum 99\%)}$$

Circle of dominance:





