## **Detailed Example of Combat**

So let's take what we've learned and see how an actual combat encounter plays out. For this example we're going to have a little fun and see how the Knights of the Dinner Table handle the new rules.

B.A. is the Gamemaster and he's read the rules for HackMaster Basic and has had his players roll up new characters.

After being caught cheating at darts back at the Inn and getting into a drunken brawl the group has fled into a nearby forest hoping to shake their pursuers. Unfortunately they've become hopelessly lost in the tangle of overgrowth. As the sun begins to set and darkness is threatening to engulf them, B.A. is about to throw a little hurt their way....

The party consists of the following Player Characters:

El Ravager the Fifth Player: Dave

N human fighter 1; HP 30; Init +1; Speed 11; Reach 3'; Attack +4; Damage 4d4p+3; Defense +7; DR 2; ToP 9, Trauma Save 7

Equipment: leather armor, med. shield, battle axe, javelin

Note: El Ravager has specialization of +1 Attack, +1 Speed & +1 Damage with his battle axe

Knuckles the Ninth

Player: Bob

CN dwarf thief 1; HP 25; Init 0; Speed 7 (5 jab); Reach 0'; Attack +3; Damage 2d4p; Defense +6; DR 2; Luck Points 21; ToP 6, Trauma Save 6

Equipment: leather armor, small shield, dagger Note: Knuckles purchased the shield proficiency

Justinia VII Player: Sara

LG human cleric 1 (*The True*); HP 29; Init +3; Speed 10; Reach 3½; Attack +1; Damage 2d8p-3; Defense +1; DR 2; ToP 8, Trauma Save 7

Spells: (1st) Moderate Emotion (cause fear), Extend Fuel [bonus spell]

Equipment: leather armor, long sword

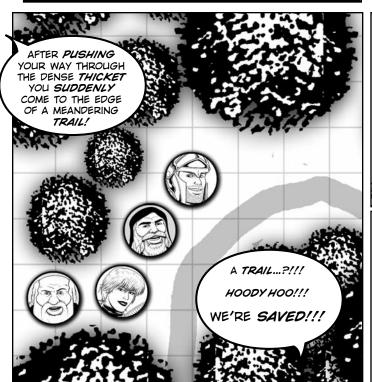
Noir Lotus Player: Brian

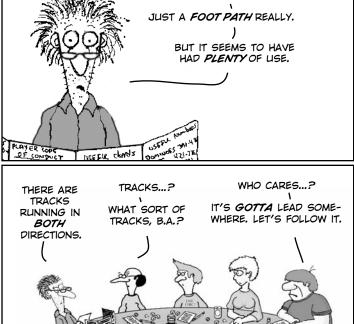
LN dwarf mage 1; HP 26; Init +2; Speed 13; Reach 7'; Attack +3; Damage 2d4p-2; Defense +3; DR 1; ToP 8, Trauma

WELL --- IT'S NOT *MUCH* OF A TRAIL.

Save 7

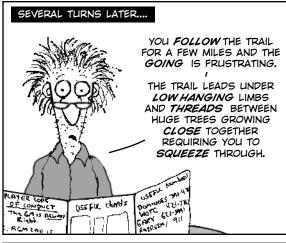
Spells: (A) Repair, (J) Bar Portal, (1st) Scorch Equipment: thick robes, staff

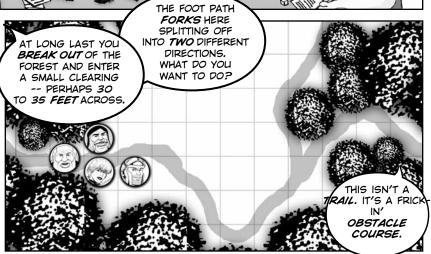


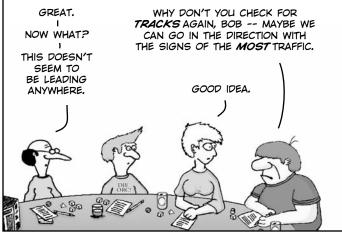


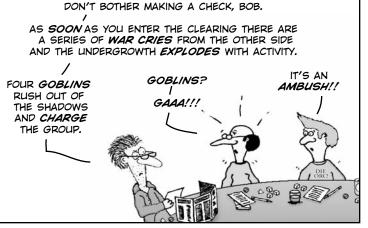


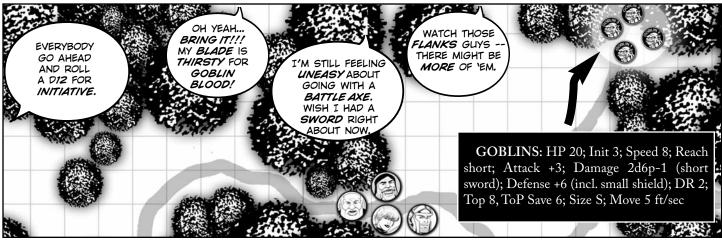


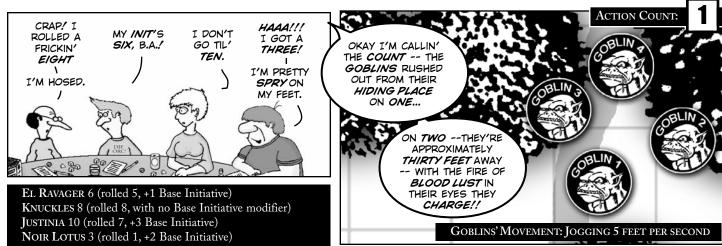














ACTION COUNT:



YOUR MOTHERS

GOBLINS' MOVEMENT: SPRINTING 10 FEET PER SECOND



YEAH...

ME TOO.



Dave rolls d20p (with a die result of 17) and adds his Attack Bonus (+4) for a total of 21 (17+4=21).

The goblin thus needs a total defense of 21 or higher to successfully defend against El Ravager's attack.





The GM rolls a d20p (getting a 12) and adds the goblin's +6 Defense Bonus, for a total of 18 (12+6=18). Since the goblin's net defense of 18 is still less than El Ravager's 21 attack, he is hit.

Dave rolls 4d4p+3 for damage resulting in a total of 9 (no dice penetrated). The creature's armor absorbs 2 points of damage, so it sustains 7 hit points of damage (insufficient to necessitate a trauma check).



OKAY, GOBLIN
NUMBER FOUR
HAS A FOUR
FOR HIS ATTACK.
WHAT'S YOUR
DEFENSE?



NOTE: Since this is the combatants' first exchange of blows, this Goblin #1 will return El Ravager's attack when the Count Up moves to the next second ('7'), while El Ravager can ready his battle axe and attack the goblin again when the Count Up reaches 17 (the current second, 6, plus El Ravager's 11 Weapon Speed).

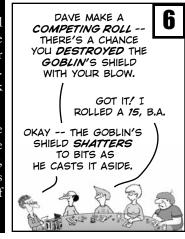
For the goblin on El Ravager's right, the GM rolls a 1 on his attack roll, and adds the goblin's Attack Bonus for a total of 4 (the '1' indicates a miss, and also a fumble unless El Ravager's total defense doesn't exceed 4). Dave rolls 9 and adds his Defense Bonus of +7 for a total of 16.

The goblin has fumbled giving El Ravager a free counter-attack. This free attack does not impinge on his normal sequence of attacks.



Dave rolled a d20p with a result of 13 and adds his +4 Attack Bonus for a total of 17. The GM also rolls d20p getting 15, then adds goblin #4's +6 Defense Bonus resulting in a total defense of 21. Since the goblin's 21 defense is greater than El Ravager's 17 attack, the goblin successfully defended with its shield. Since the goblin blocked El Ravager's blow with his shield, El Ravager's attack deals half damage dice (2d4p+3 instead of 4d4p+3) against the shield.

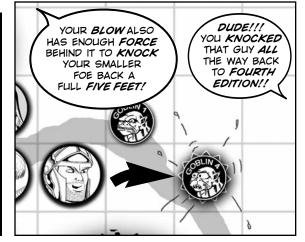
Dave rolls damage and gets 4 and 4. Since Dave rolled the maximum on these dice (i.e., a penetration roll), he gets to roll each die again, subtracting -1 from the result. The rolls this time are 3 and 4, so he subtracts -1 from each for results of 2 and 3. However, since the actual roll penetrated again on one of those dice, he rolls that die again. This time, it's a 3 and applying the -1 makes it a 2. El Ravager's total damage is 18 points of damage (die roll 4+(3-1) + die roll 4+(4-1)+(3-1) + 3 Damage Bonus = 18).

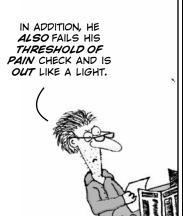


A small shield sustaining more than 8 points of damage in a single blow may be destroyed. Thus B.A. performed a competing roll to see if the Goblin's shield was splintered. He checks the Shield Damage chart, then rolls d20-6 for the goblin and gets 12. Dave rolls d20 and gets 15. The shield splinters into several pieces under the weight of El Ravager's massive blow. (Had Dave done 20 points to the small shield, it would have been automatically broken).

The small shield still applies its Damage Reduction value, however, lowering El Ravager's damage to the goblin by 4 points.

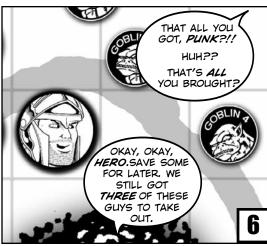
Its armor further reduces the remaining damage by 2, so El Ravager's blow causes the goblin to lose 12 hit points (18-4-2=12). That's a painful blow, but there's worse to come...

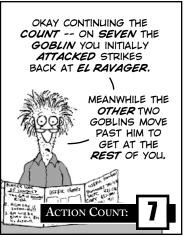


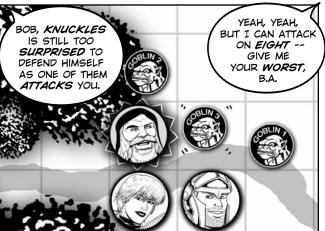


Dave's 18 *gross* points of damage is a **knock-back** (since a 10 point hit knocks back Small creatures) that forces the goblin 5 feet rearward.

Furthermore, a goblin's **Threshold of Pain** is 8 hit points. It sustained a 12 hit point wound from El Ravager's battle axe so the GM has to make a trauma check for it. The goblin has a **ToP** Save of 6 thus the GM needs to roll a 6 or less on a d20 for it to shrug off the pain. He rolls an 11, so the goblin is not only knockedback 5 feet, but DOWN and writhing in pain for 30 seconds (5 seconds x (11-6) = 25). Assuming it's not killed in the interim, it can act again when the Count Up reaches 31.







Since Knuckles is still surprised, he can only use a d8p for defense. B.A. rolls the goblin's d20p plus +3 Attack Bonus for a total of 12, while Bob rolls only a d8p and gets a result of 3.

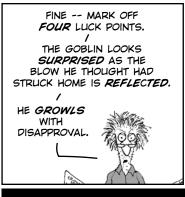
Knuckles failed to successfully defend, so B.A. then rolls the goblin's 2d6p-1 damage for a total 6 points. Even though Knuckles is surprised and can't use his shield to defend, his armor still reduces the damage by 2. Knuckles thus sustains a 4 hit point wound.



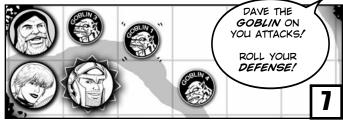
THE GOBLIN'S LAME ATTACK RICOCHETS OFF THE LEATHER SHOULDER STRAP OF MY BACKPACK AND TOTALLY ABSORBS THE DAMAGE. HEH.

DIPPIN' INTO THE LUCK POINTS KIND OF EARLY AREN'T YA?





The goblin will attack Knuckles again at 15 seconds (7 + Speed of 8).



B.A. rolls the goblin's d20p+3 attack and gets a total 15 while Dave rolls a 19 and adds his +7 Defense Bonus for a total 26.

Since El Ravager used his shield to successfully defend against the goblin's attack, it can roll damage on his shield. However, since the goblin is wielding a piercing weapon, it only deals 1 point of damage (1 point for the piercing weapon along with the goblin's -1 damage modifier totals a minimum 1 point of damage) against the shield. Dave's medium shield has a DR value of 6 so he takes no damage.



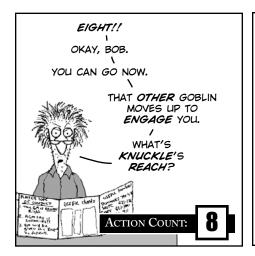
El Ravager's 'nat 19' defense roll (along with a successful defense and being within 5 feet of his foe) is a **Near-Perfect Defense**.

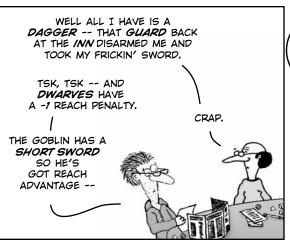
El Ravager gets a free hand-to-hand counter-attack!!



Dave rolls his d20p with +3 Attack Bonus (instead of his usual +4, since he's punching and so doesn't use his +1 weapon specialization bonus) for a total 18.

The GM rolls the goblin's d20p and +6 Defense Bonus and gets 12. El Ravager's special counter-attack deals two d4p-2 plus his +1 Strength modifier, for a total of 2 points of damage that ignore shield and armor Damage Reduction. Thus, the goblin loses 2 Hit Points. It can attack El Ravager again at 15 seconds (the current time is 7 seconds + its Speed of 8).







B.A. decides that for this attack the goblin is going to Fight Defensively (with a -4 penalty to attacks but a +2 bonus to defense). He rolls the goblin's d20p+3 attack and subtracts -4 to get a total 12 while Bob rolls a 13 and adds his +6 Defense Bonus for a total 19.

He successfully defends against the goblin's attack with his shield. Since the goblin is wielding a piercing weapon, it strikes the shield for 1 point of damage (1 point for the piercing weapon along with the goblin's - 1 damage modifier equals a minimum 1 point of damage), which the shield reduces to zero. The goblin can attack again at 16 seconds (determined by adding its Speed 8 to the current time).



HA HAAA!!!

A CRIT!!!

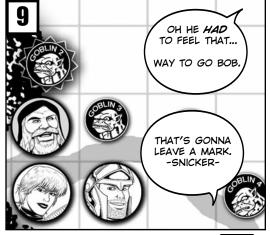
EAT COLD

STEEL!!

Bob rolls a d20p and gets a 20!

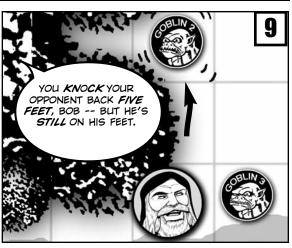
Since this is a natural 20 and a penetration roll, he rolls d6p (d20p uses d6p for penetration) getting 3 and applies the standard -1 to the penetration roll (3-1).

He then adds his +3 Attack Bonus for a total of 25 (20+(3-1)+3=25). B.A. rolls d20p for the goblin getting 15 on he die plus the goblin's +8 Defense Bonus for a total defense of 23. Since Knuckles' 25 attack is greater than the goblin's 23 defense, he hits. Furthermore, Knuckles's 'nat 20' is a critical hit, so he rolls double damage dice (4d4p instead of 2d4p) getting rolls of 2, 2, 2 and 4. Bob re-rolls the penetrating die and gets a result of 2, for a final damage total of 11 points (2+2+2+4+(2-1)=11).



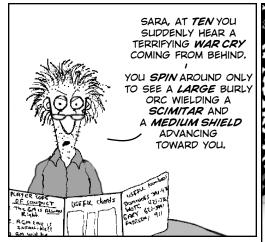
The goblin's armor reduces the damage by 2 points making it a 9 point wound. However, since Knuckles dished out 11 *gross* points of damage, it's still a **Knock-Back** that forces the goblin 5 feet rearward.

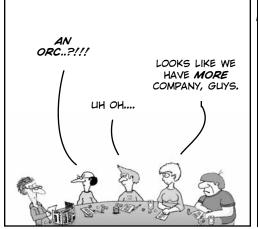
In addition, a goblin's Threshold of Pain is 8 hit points and it just took more than that so it must attempt a trauma check. It has a ToP Save of 6, so the GM needs to roll an 6 or less on a d20. He rolls a 5, so the goblin remains on its feet.

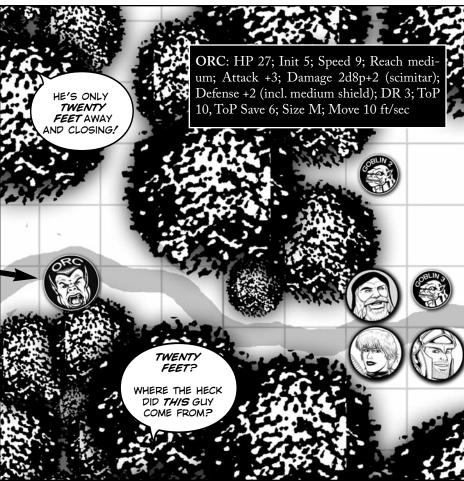




Knuckles' dagger has a jab Weapon Speed of 5 (normal Speed 7), so he can attack this goblin again at 14 seconds (Speed 5 + current time 9) instead of waiting until 16 (Speed 7 + current time 9).

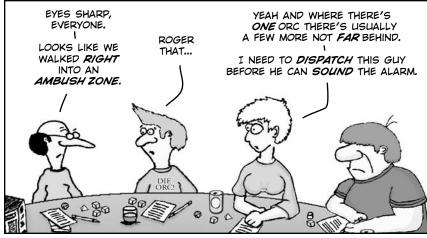


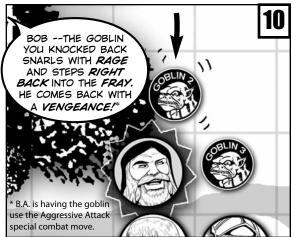


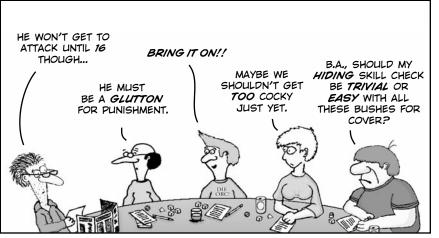
















Sara rolls a d20p for a 10 result, adds her +1 Attack Bonus for a total 11.

B.A. rolls d20p and gets 12, adds the orc's +2 Defense Bonus for a total result of 14. Since the orc's 14 defense is greater than Justinia's 11 attack, it defended with its shield. Sara thus rolls half damage (1d8p-3 instead of 2d8p-3) on the orc's shield and gets a result of 8 (penetration!).

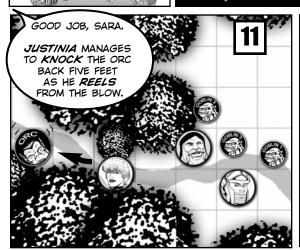
She rolls the die again and gets another 8, and again for another 8! Amazed whoops of joy come from everyone else at the table (except for B.A., of course...). Her next roll is a 5 which yields a grand total of 23 points of damage (8+(8-1)+(8-1)+(5-1)-3=23)!

Since a medium shield can only sustain a limited amount of damage in a single blow, it's time for competing rolls to see if the shield is destroyed. (A check is necessary if a medium shield takes ≥12 hp).

B.A. checks the Shield Damage chart, then rolls d20 for the orc and gets 10.

Sara rolls d20 and gets 12. The shield splinters into several pieces as Justinia's blow hits home.

The medium shield still applies its Damage Reduction value, however, lowering Justinia's damage to the orc by 6 points. The orc's armor further reduces the damage by another 3 points, so the orc takes a 14 hit point wound.



Sara's 23 gross points deals a knock-back that forces the orc 5 feet back (as a size medium creature, the orc is knocked-back 5 feet for every 15 points of damage).

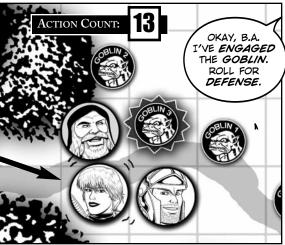
Furthermore, the orc's Threshold of Pain is 10 and it just took 14 so it has to make a trauma check.

The orc has a ToP Save of 6, so B.A needs to roll an 6 or less on a d20.

He rolls a 14 with the result that the orc falls to the ground in pain for 40 seconds (5 seconds x (14-6)=40) five feet back from where it met Sara.





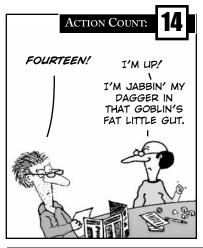


The goblin can defend against up to 3 opponents to his front and sides with its shield. He turns to meet Sara head-on as this places it in the best position to defend its flanks.

Sara rolls d20p with a result of 16 and with her +1 Attack Bonus nets 17. B.A. rolls d20p and gets 13. He then adds the goblin's +6 Defense Bonus for a total 19. Since the goblin's 19 defense is greater than Justinia's 13 attack, it defended with its shield.

Sara rolls half damage dice (1d8p-3 instead of 2d8p-3) for a total 2 points, which the goblin's shield reduces to zero.

Justinia can attack this goblin again at 23 seconds (13 + 10 Weapon Speed).



Bob rolls a d20p getting an 8 and adds his +3 Attack Bonus for a total 11.

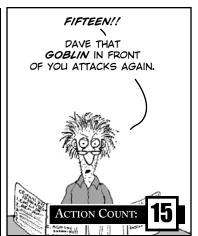
B.A. rolls d20p and gets 2, adding the goblin's +6 Defense Bonus, and -2 from the *Aggressive Attack* maneuver for a total 6.

Since the goblin's 6 defense is less than Knuckles' 12 attack, it failed to defend with its shield.

Bob rolls half damage of 1d4p (since he's jabbing) and gets a 3.

The goblin's armor reduces the damage by 2, so it only loses 1 Hit Point.

Knuckles can attack it again at 21 (14 + Weapon Speed 7)

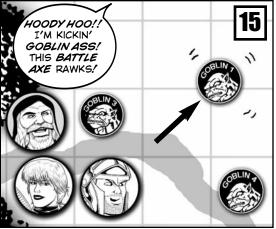


B.A. rolls d20p, getting 18 and adding the goblin's +3 Attack Bonus for a total 21. Dave then rolls d20p getting a 'nat 20' and adds his +7 Defense Bonus for a total of 27. El Ravager successfully defended with his shield so the goblin's piercing weapon deals only 1 point of damage against it. Since it does not exceed the shield's DR of 6, El Ravager is unaffected.

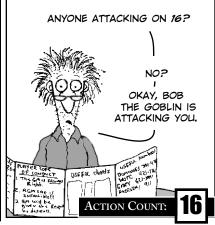
Furthermore, since El Ravager rolled a natural 20 (and his modified defense 27 beat the goblin's 21) it's considered a Perfect Defense. El Ravager gets an immediate free counter-attack with his weapon. This doesn't impinge upon his next scheduled attack (at 17 seconds). Dave rolls his d20p plus +4 Attack Bonus for a total 13 while B.A.'s defense for the goblin totals only 10. Dave then rolls his 4d4p+3 damage dice and gets results of 3, 1, 2 and 4. He rolls the penetrating die again for a 1, and applies -1 to the result. Thus,

El Ravager's total damage is 13 points (3+1+2+4+(1-1)+3=13).

The 13 point blow is enough to deal a knock-back and, although the goblin's armor reduces the damage by 2, the net 11 point wound still triggers a trauma check (since the goblin's Threshold of Pain is 8). B.A. then rolls d20, hoping to get a 6 or less, but ends up with a 10. The goblin falls to the ground, writhing in pain for 20 seconds (5 seconds x (10-6)).



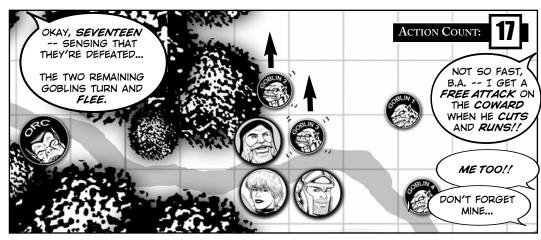




B.A. rolls d20p with a result of 3, then adds the goblin's +3 Attack Bonus and the +5 additional bonus for making an *Aggressive Attack* for a total 11.

Bob simultaneously rolls a d20p getting 13 and adds his +6 Defense Bonus for a total of 19.

Knuckles successfully defended with his shield. Since the goblin's piercing weapon deals only 1 point of damage to his shield (readily absorbed), Bob laughs in the goblin's face.





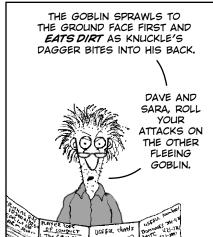
Fleeing combat from a thief is particularly dangerous since it permits the thief to backstab.

Bob rolls a d20p getting a 9 and adds his +3 Attack Bonus for a total of 13. B.A. rolls d10p (instead of d20p, since the goblin is fleeing) and gets 2. He ignores the goblin's shield's defensive bonus (+4) since its shield can't be employed when fleeing.

Bob hit and since it's a backstab he penetrates on both the maximum die roll and the maximum die roll -1. He rolls his 2d4p and gets a 2 and a 3.

Ordinarily this would be it for Bob's damage roll but because of the backstab the "3" is treated as a penetrating die. He rolls this die again and gets another 3. He adds 2 to the sum damage total (currently 7) and rolls again getting a 4. Again he adds 2 to the sum damage total (now 9) and rolls again. His lucky streak ends as the die comes up 2. Bob's backstab on the fleeing goblin netted 10 points of damage (2+3+(3-1)+(4-1)+(2-1)=11). The goblin's armor reduces the damage by 2, causing it to suffer 9 points of damage.

This is sufficient to trigger a ToP check. B.A. rolls d20 for the goblin's ToP Save (target 6) getting a result of 12. The goblin is thus downed for 30 seconds (5 seconds x (12-6)).



Sara rolls a d20p with a result of 9 and with her +1 Attack Bonus nets 10. B.A. rolls d10p (instead of d20p, since the goblin is fleeing) and adds +2 (a goblin's shieldless defensive bonus) for a total of 7. He ignores the goblin's shield's additional defensive bonus (+4) since its shield can't be employed when fleeing.

Sara hit and rolls 2d8p for damage. The dice come up "1" and "2". She has a -3 damage adjustment but since this can't reduce a successful hit to less than one point of damage she ends up doing a lone hp. The goblin's armor reduces this to zero.

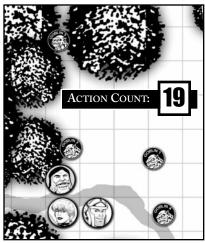
Dave rolls a d20p for a result of 4 and with his +4 Attack Bonus nets 8. B.A. rolls d10p (instead of d20p, since the goblin is fleeing) and adds +2 (a goblin's shieldless defensive bonus) for a total of 9.

Dave misses. Since the goblin was not using a shield for defense, it is an out-and-out wiff.









This is the first instance of using missile weapons. Unlike melee combat, Dave must first determine the effective range to his target. The actual distance between El Ravager and the remaining goblin is 21 feet (after the goblin sprinted for 2 seconds). However, since goblins are size small, this distance is multiplied by 1.5 to determine the effective range (31½ feet). Since this is more than 30 feet, it falls within a javelin's second range increment. Dave is therefore only permitted to use a d12p as his attack die.

Dave opts to forgo aiming thereby permitting him to hurl his javelin on 19 rather than 23. Doing so imposes a -6 attack penalty.

Since El Ravager has only sunk BPs into specializing with the battle axe, his attack bonus with the javelin is +3 not +4. He rolls a d12p getting 9 and adds 3 (but also subtracts 6 for not aiming) yielding 6.

When determining if a missile hits, the GM always rolls a d20p for defense. B.A. rolls a 5 – less than Dave's 6 meaning the javelin strikes true. Because the goblin is running away, it cannot use its shield to block the missile.

Dave rolls a d12p damage and gets an 11. He cannot add his strength bonus because he was standing still when hurling the javelin. This is a knock-back and after accounting for the goblin's armor, it still suffers an 9 point wound necessitating a ToP check.

B.A. rolls d20 for its ToP Save hoping to get a 6 or less but rolls a 19. The goblin pitches forward five feet and is immobilized for 65 seconds (5 seconds x (19-6) by the trauma of being *shish kebobed*.





