

FOUR NOUNS, PRONOUNS, AND THE BASIC NOUN PHRASE

4.1 The basic noun phrase

The noun phrase typically functions as subject, object, complement of sentences, and as complement in prepositional phrases. Consider the different subjects in the following: (a) The girl (b) The pretty girl (c) The pretty girl in the corner (d) The pretty girl who became angry (e) She is Mary Smith Since noun phrases of the types illustrated in (b–d) include elements that will be dealt with in later chapters (adjectives, prepositional phrases, etc), it will be convenient to postpone the treatment of the noun phrase incorporating such items. We shall deal here with the elements found in those noun phrases that consist of pronouns and numerals, and of nouns with articles or other closed-system items that can occur before the noun head, such as predeterminers like all.

Noun classes

4.2 It is necessary, both for grammatical and semantic reasons, to see nouns as falling into different subclasses.

This is easily demonstrated by taking the four nouns John, bottle, furniture and cake and considering the extent to which it is possible for each to appear as head of the noun phrase operating as object in the following sentence (some in the fourth line is the unstressed determiner: 4.5):

	(1) John	*the John	*a John	some John	*Johns	0	*bottle	the bottle	a bottle	*some bottle	bottles	(3) furniture	the furniture	*a furniture	some furniture	*furnitures	(4) cake	the cake	a cake	some cake	cakes
I saw																					

The difference between column 1 (with its four impossible usages) and column 4 (with none) indicates the degree of variation between classes. Nouns that behave like John in column 1 (Paris, Mississippi, Gandhi, ...) are **PROPER NOUNS**, further discussed in 4.23. The nouns in columns 2, 3 and 4 are all **COMMON NOUNS**, but there are important differences within this class. Nouns which, behave like bottle in column 2 {chair, word, finger, remark, ...}, which must be seen as individual countable entities and cannot be viewed as an undifferentiated mass, are called **COUNT NOUNS**. Those conforming like furniture to the pattern of column 3 {grass, warmth, humour, ...} must by contrast be seen as an undifferentiated mass or continuum, and we call them **NON-COUNT NOUNS**. Finally in column 4 we have nouns which combine the characteristics of count and non-count nouns {cake, paper, stone, ...}; that is, we can view stone as the non-count material (as in column 3) constituting the entity a stone (as in column 2) which can be picked up from a pile of stones and individually thrown.

4.3

It will be noticed that the categorization count and non-count cuts across the traditional distinction between 'abstract' (broadly, immaterial) nouns like warmth, and 'concrete' (broadly, tangible) nouns like bottle. But while abstract nouns may be count like remark or non-count like warmth, there is a considerable degree of overlap between abstract and non-count. This does not proceed from nature but is language-specific, and we list some examples which are non-count in English but count nouns in some other languages: anger, applause, behaviour, chaos, chess, conduct, courage, dancing, education, harm, homework, hospitality, leisure, melancholy, moon light, parking, photography, poetry, progress, publicity, research {as in do some research}, resistance, safety, shopping, smoking, sunshine, violence, weather

Note Another categorization that cuts across the count and non-count distinction will identify a small class of nouns that behave like most adjectives in being gradable. Though such degree nouns are chiefly non-count ('His acts of great foolishness' = 'His acts were very foolish'), they can also be count nouns: 'The children are such thieves.'

4.4

Nevertheless, when we turn to the large class of nouns, which can be both count and non-count, we see that there is often considerable difference in meaning involved and that this corresponds broadly to concreteness or

particularization in the count usage and abstractness or generalization in the non-count usage. For example: COUNT I've had many difficulties He's had many odd experiences Buy an evening paper She was a beauty in her youth The talks will take place in Paris NON-COUNT He's not had much difficulty This job requires experience Wrap the parcel in brown paper She had beauty in her youth I dislike idle talk 59 There were bright lights and harsh Light travels faster than sound sounds The lambs were eating quietly There is lamb on the menu In many cases the type of distinction between lamb count and lamb non-count is achieved by separate lexical items: {a} sheep (some) mutton; (a) calf (some) veal (a) pig (some) pork (a) loaf (some) bread; (a) table ^ (some) furniture. **Note** Virtually all non-count nouns can be treated as count nouns when used in classificatory senses : There are several French wines available (= kind? of wine) This is a bread I greatly enjoy (=kind of bread) 4.5 Determiners There are six classes of determiners with occurrence with the noun classes singular count (such as bottle), plural count (such as bottles), and non-count nouns (such as furniture). The check marks in the figures that follow indicate which noun classes will co-occur with members of the determiner class concerned. **SINGULAR PLURAL**

	[C]	[D]	[B]	V	[E]	[F]	V	a(n)	every	each	either	neither	much
60 [A]	n/	V	V										

this that these those the possessive (my, our, etc: see 4.87) M^hose, which (ever), what (ever) some (stressed)! ⁴ 9 2 / any (stressed) no zero article (as in 'They need furniture') some (unstressed) any (unstressed) enough COUNT NON-COUNT respect to their co Note [a] Many of the determiners can be pronominal: Either book ~ Either of the books ^ You can have either [ɪ] Every can co-occur with possessives: his every word (= 'each of his words'). 4.6 Closed-system premodifiers In addition to determiners, there is a large number of other closed-system items that occur before the head of the noun phrase. These form three classes (predeterminers, ordinals, and quantifiers) which have been set up on the basis of the possible positions that they can have in relation to determiners and to each other. Within each of the three classes, we will make distinctions according to their patterning with the classes of singular count, plural count, and non-count nouns. Note We will also include here some open-class premodifiers that commute to a significant extent with closed-system items, eg: three times (cf: once, twice), a large quantity of (cf: much). Predeterminers 4.7 AU, both, half These predeterminers can occur only before articles or demonstratives but, since they are themselves quantifiers, they do not occur with the following 'quantitative' determiners: every {n} either each, some, any, no, enough. 61 All, both, and half have o/- constructions, which are optional with nouns and obligatory with personal pronouns: all (of) the meat both (of) the students half (of) the time all of it both of them half of it With a quantifier following, the o/- construction is preferred (especially in AmE): all of the many boys All three can be used pronominally: All/both/half passed their exams All and both (but not half) can occur after the head, either immediately or within the predication: "IWM The students were all hungry They may have all finished The predeterminer both and the determiners either and neither are not plural proper but 'dual', ie they can refer only to two. Compared with the numeral two, both is emphatic: Both (the) I students were excellent The two J All is rare with concrete count nouns {? I haven't used all the pencil) though it is less rare with contrastive stress: I haven't read ALL the book, where book is treated as a kind of divisible mass. The normal constructions would be all of the book or the whole book. Before certain temporal nouns, and especially in adjunct phrases, all is often used with the zero article: I haven't seen him all day. Note [d\

There is also an adverbial half (as in half wine, half water) which occurs in familiar emphatic negation and can precede enough: He hasn't enough money! Added to numbers from one upwards, a half co-occurs with plural nouns: one and a half days. [6] The postposed all in 'They were all hungry' must not be confused with its use as an informal intensifying adverb in 'He is all upset'.

4.8 Double, twice, three/four ... times The second type of predeterminer includes double, twice, three times, etc, which occur with non-count and plural count nouns, and with singular count nouns denoting number, amount, etc.: 62 double their salaries twice his strength three times this amount Three, four, etc times as well as once can co-occur with the determiners a, every, each, and (less commonly) per to form 'distributive' expressions with a temporal noun as head: once twice (a week three times every month four times each year

4.9 One-third, two-fifths, etc The fractions one-third, two-fifths, three-quarters, etc, used with non-count and with singular and plural count nouns, can also be followed by determiners, and have the alternative $\frac{1}{n}$ -construction: He did it in one-third (of) the time it took me

Postdeterminers

4.10 Items 'which must follow determiners but precede adjectives in the pre-modification structure include numerals (ordinal and cardinal) and quantifiers.

4.11 Cardinal numerals Apart from one, which can co-occur only with singular count nouns, all cardinal numerals {two, three, ...} co-occur only with plural count nouns: He has one sister and three brothers The two blue cars belong to the firm Note One may be regarded as a stressed form of the indefinite article: 'I would like a one large cigar'. In consequence, although the definite article may precede any cardinal, the indefinite can not.

4.12 Ordinal numerals and general ordinals In addition to the ordinals which have a one-for-one relation with the cardinals (fourth four; twentieth twenty), we consider here items like n^{th} , last, {an}other, additional, which resemble them grammatically 1 (per) decade 63 and semantically. All ordinals co-occur, only with count nouns and usually precede any cardinal numbers in the noun phrase: The first three planes were American The general ordinals, however, may be used freely before or after cardinals, according to the meaning required: His Note (two last) books were novels Another has two functions. It can be the unstressed form of one other or it can have the same I don't like Another A second) Quantifiers

4.13 There are two small groups of closed-system quantifiers: (1) many, {a} few, and several co-occur only with plural count nouns: The few words he spoke were well chosen (2) much and {a} little co-occur only with non-count nouns: There hasn't been much good weather recently Several is rarely (and much virtually never) preceded by a determiner, and in the case of few and little there is a positive/negative contrast according as the indefinite article is or is not used: 64 meaning, as 'second' with indefinite article: this house: I'd prefer another one blue car (two volumes of poetry (a few biscuits few biscuits He took a little butter little butter Since the first of these has a non-count noun, neither of which co-occurs with the indefinite article, it will be clear that in these instances a belongs to the quantifier alone. Note [a] The quantifier (a) little must be distinguished from the homonymous adjective as in A little bird was singing. [a] Many and few can be used predicatively in formal style (His faults were many), and many has the additional potentiality of functioning as a predeterminer with singular count nouns preceded by a(n): Many an ambitious student (= Many ambitious students) (= several) (= not many) (= some) (= not much) plural count noun and the third a [a] The quantifier enough is used with both count and non-count nouns: There are (not) enough chairs There is (not) enough furniture Occasionally it follows the noun (especially

non-count) but this strikes many people as archaic or dialectal. 4.14 There is also a large open class of phrasal quantifiers. Some can co-occur equally with non-count and plural count nouns: *C* plenty of The room contained a lot of *V* lots of students [furniture These (especially lots) are chiefly used informally, though plenty of is stylistically neutral in the sense 'sufficient'. Others are restricted to occurring with non-count nouns: The room contained or to plural count nouns: The room contained a \ (large) number of students ((good) *J* As these examples suggest, it is usual to find the indefinite article and a quantifying adjective, the latter being obligatory in Standard English with *deal*. 4.15 The phrasal quantifiers provide a means of imposing countability on non-count nouns as the following partitive expressions illustrate: *two pieces* GENERAL PARTITIVES The Germans] , . . ^are good musicians ^ Germans *J* At least the following three forms can be used generically with a count noun: The tiger I ^ dangerous animal A tiger *J* Tigers are dangerous animals But with non-count nouns, only the zero article is possible: Music can be soothing Note There is considerable (though by no means complete) interdependence between the dynamic/stative dichotomy in the verb phrase and the specific/generic dichotomy in the noun phrase, as appears in the following examples: 66 generic reference/simple aspect *r* simple aspect specific reference ^ *i* progressive aspect The tiger lives in the jungle The tiger at this circus performs twice a day The tiger is sleeping in the cage generic reference/simple aspect {simple aspect . progressive aspect Systems of article usage The English drink beer in pubs The Englishmen (who live here) drink beer every day The Englishmen are just now drinking beer in the garden 4.17 We can thus set up two different systems of article use depending on the type SPECInC REFERENCE GENERIC REFERENCE *o f* reference: DEFINITE INDEFINITE the tiger the tigers the tiger a tiger tigers the ink a tiger (some) tigers ink (some) ink With definite specific reference, the definite article is used for all noun classes: Where is the pen Where are the pens I bought? Where is the ink With indefinite specific reference, singular count nouns take the indefinite article *a(n)*, while non-count and plural count nouns take zero article or unstressed *some* {any in non-assertive contexts, 4.93}: I want a pen/some pens/some ink I don't want a pen/any pens/any ink Generic reference 4.18 Nationality words and adjectives as head There are two kinds of adjectives that can act as noun-phrase head with generic reference: (a) PLURAL PERSONAL (for example: the French = the French nation: the rich = those who are rich) (b) SINGULAR NON-PERSONAL ABSTRACT (for example: the evil = that which is evil) 67 There is a lexical variation in a number of nationality words, as between an Englishman!several Englishmen!the English, depending on type of reference. Where nationality words have no double form (like English, Englishman), +plural can be both generic and specific: The Greeks are musical [generic] The Greeks that I know are musical [specific] 4.19 Non-count and plural count nouns When they have generic reference, both concrete and abstract non-count nouns, and usually also plural count nouns, are used with the zero article: *r* wine, wood, cream cheese, ... He likes music, chess, literature, history, skiing, ... ^ lakes, games, long walks, ... Postmodification by an *o/-*phrase usually requires the definite article with a head noun, which thus has limited generic (partitive) reference: the wine(s) ^ He likes the music (the countryside *j* the lakes *J* Similarly, the wines of this shop is an instance of limited generic reference, in the sense that it does not refer to any particular wines at any one time. Postmodification with other prepositions is less dependent on a preceding definite article: Mrs Nelson adores NON-COUNT

NOUNS PLURAL COUNT NOUNS Venetian glass the glass of Venice *glass of Venice the glass from Venice glass from Venice Canadian paper Chinese history American literature Restoration comedy Japanese cameras Oriental women the paper of Canada [paper from Canada the history of China the literature of America the comedy of the Restoration cameras from Japan the women of the Orient The zero article is used with plural nouns that are not unambiguously generic: Appearances can be deceptive Things aren't what they used to be 68 Note Just as non-count nouns can be used as count (4.4 Note), so count nouns can be used as non-count in a generic sense: This bread tastes of onion\ has it been alongside onions'} Specific reference 4.20 Indefinite and definite Just as we have seen in 4.16 a correspondence between aspect and reference in respect of generic and specific, so we have seen in 3.23 a correspondence between the simple and perfective in respect of what must be regarded as the basic article contrast: An intruder has stolen a vase; the intruder stole the vase from a locked cupboard; the cupboard was smashed open. As we see in this (unusually explicit) example, the definite article presupposes an earlier mention of the item so determined. But in actual usage the relation between presupposition and the definite article may be much less overt. For example, a conversation may begin: The house on the corner is for sale and the postmodification passes for some such unspoken preamble as There is, as you know, a house on the corner Compare also What is the climate like?—ih?ii is, the climate of the area being discussed. Even more covert are the presuppositions which permit the definite article in examples like the following: John asked his wife to put on the kettle while he looked in the paper to see what was on the radio No prior mention of a kettle, a paper, a radio is needed, since these things are part of the cultural situation. On a broader plane, we talk of the sun, the moon, the stars, the sky as aspects of experience common to mankind as a whole. These seem to require no earlier indefinite reference because each term is so specific as to be in fact unique for practical human purposes. This gives them something approaching the status of those proper names which are based on common count nouns: the Bible, the United States, for example. Note [fl] The indefinite article used with a proper name means 'a certain', 'one giving his name as': A Mr Johnson wants to speak to you (¿)] The definite article given heavy stress is used (especially informally) to indicate superlative quality: Chelsea is THE place for young people Are you THE Mr. Johnson (= the famous)? 69 4.21 Common nouns with zero article There are a number of count nouns that take the zero article in abstract or rather specialized use, chiefly in certain idiomatic expressions (with verbs like be and go and with prepositions): go by car be in bed but go to school (an institution) sit in/look at, ... the car make/sit on, ... the bed go into/take a look at, ... the school (a building) The following list gives a number of common expressions with zero article; for comparison, usage with the definite article is also illustrated. SEASONS: spring, summer, autumn (BrE), fall (AmE), winter Eg In winter, we go skiing. After the winter is over, the swallows will return. 'INSTITUTIONS*' (often with at, in, to, etc) be in go to] bed church prison hospital (esp BrE) lie down on the bed admire the church walk round the prison redecorate the hospital drive past the school look out towards the sea be at/go to/study at the university (esp AmE) approach the town sit on the bicycle be on the bus sleep in the car sit in the boat take the/a train be on the plane • travel I'll leave by come J bus car boat train plane ,class (esp AmE) school be at college go to sea I university be at/go home be in/leave town MEANS OF TRANSPORT (with by) bicycle TIMES OF THE

DAY AND NIGHT (particularly with at, by, after, before) at dawn/daybreak, when day breaks during the day at sunrise/sunset admire the sunrise/sunset at/around noon/midnight in the afternoon 70 at dusk/twilight at/by night (by) day and night before morning came evening came on after night fell 1 (rather formal style) see nothing in the dusk wake up in the night in the daytime in/during the morning in the evening in the night the breakfast was good he enjoyed the lunch prepare (the) dinner the dinner was, well cooked MEALS have before at after stay for breakfast brunch (esp AmE) lunch tea (esp BrE) cocktails (esp AmE) dinner supper dinner will be served soon ILLNESSES appendicitis anaemia diabetes influenza PARALLEL STRUCTURES arm in arm hand in hand day by day teaspoonful by teaspoonful he's neither man nor boy husband and wife man to man face to face from dawn to dusk from beginning to end from right to left from west to north Note the plague (the) flu (the) measles (the) mumps he took her by the arm a paper in his hand from the beginning of the day to the end of it keep to the right he lives in the north Compare also familiar or peremptory vocatives: That's right, girl! Come here, man! Vocatives take neither definite nor indefinite article in English. 4.22 Article usage with common nouns in intensive relation Unlike many other languages, English requires the definite or indefinite article with the count noun complement in an intensive relation. 71 With indefinite reference, the indefinite article is used: (i) intensive complementation (ii) complex transitive complementation (active verb) (iii) complex transitive complementation (passive verb) John became a businessman Mary considered John a genius John was taken for a linguist The complement of turn and go, however, has zero article: John started out a music student before he turned linguist Definite reference requires the definite article: (i) John became 'j (ii) Mary considered John \ the genius of the family (iii) John was taken for However, the zero article may be used with the noun complement after copulas and 'naming verbs', such as appoint, declare, elect, when the noun designates a unique office or task: (i) John is (the) captain of the team (ii) They elected him (iii) He was elected J Unique reference Proper nouns 4.23 Proper nouns are names of specific people {Shakespeare}, places {Milwaukee}, countries {Australia}, months {September}, days {Thursday}, holidays {New Year's Day}, magazines {Vogue}, and so forth. Names have 'unique' reference, and do not share such characteristics of common nouns as article contrast. But when the names have restrictive modification to give a partitive meaning to the name, proper nouns take the (cataphoric) definite article. UNIQUE MEANING during August in England in Denmark Chicago PARTITIVE MEANING during the August of that year in the England of Queen Elizabeth in the Denmark of today the Chicago I like (= 'the aspect of Chicago') 72 Shakespeare the young Shakespeare Proper names can be converted into common nouns: a Shakespeare ('an author like S.') Shakespeare (the author) «(Shakespeares ('authors like S.' or 'copies of the works of S.)) Note Proper nouns are written with initial capital letters. So also, frequently, are a number of common nouns with unique reference, which are therefore close to proper nouns, eg: fate, fortune, heaven, hell, nature, paradise. 4.24 The following list exemplifies the main classes of proper nouns: Personal names (with or without titles) Calendar items: (a) Festivals (b) Months and days of the week Geographical names: (a) Continents (b) Countries, counties, states, etc (c) Cities, towns, etc (d) Lakes (e) Mountains Name -f common noun. 4.25 Personal names Personal names with or without appositive titles: Dr Watson President Lincoln Mr and Mrs Johnson Lady Bracknell Colonel Jackson Judge Darling (mainly AmE)

Note the following exceptions: the Emperor (Napoleon) (the) Czar (Peter I) The Duke (of Wellington) The article may also precede some other titles, including Lord and Lady in formal use. Family relations with unique reference behave like proper nouns: Father (Daddy, Dad, familiar) is here Mother (Mummy, Mum, familiar) is out Uncle will come on Saturday Compare: The father was the tallest in the family 73

4.26 Calendar items (a) Names of festivals: New Year's Day Independence Day Boxing Day Memorial Day (b) Names of the months and the days of the week: January, February, ... Monday, Tuesday, . Note Many such items can readily be used as count nouns: I hate Mondays There was an April in my childhood I well remember

4.27 Geographical names (a) Names of continents: (North) America (Medieval) Europe (Central) Australia (East) Africa Note Antarctica but the Antarctic, like the Arctic. (b) Names of countries, counties, states, etc (normally no article with premodifying adjective): (modern) Brazil (industrial) Staffordshire (west) Scotland (northern) Arkansas Note Argentina but the Argentine, the Ruhr, the Saar, the Sahara, the Ukraine, the Crimea, (the) Lebanon, the Midwest; the Everglades (and other plural names, see 4.30). (c) Cities and towns (normally no article with premodifying word): (downtown) Boston (ancient) Rome (suburban) London Note The Hague; the Bronx; the City, the West End, the East End (of London). (d) Lakes: Lake Windermere Silver Lake (e) Mountains: Mount Everest Vesuvius 74 Note the Mount of Olives. 4.28 Name –f common noun Name + common noun denoting buildings, streets, bridges, etc. There is a regular accentuation pattern as in Hampstead HEATH., except that names ending in Street have the converse: LAMB Street. Madison Avenue Park Lane Portland Place Westminster Bridge Kennedy Airport Westminster Abbey Oxford Street Greenwich Village Note the Albert Hall, the Mansion House; the Haymarket, the Strand, the Mall (street names in London); the Merrit Parkway, the Pennsylvania Turnpike; {the) London Road as a proper name but only the London road to denote 'the road leading to London'. Note Names of universities where the first part is a place-name can usually have two forms; the University of London (which is the official name) and London University. Universities named after a person have only the latter form: eg: Yale University, Brown University. 4.29 Proper nouns with definite article The difference between an ordinary common noun and a common noun turned name is that the unique reference of the name has been institutionalized, as is made overt in writing by the use of initial capitals. The following structural classification illustrates the use of such proper nouns which retain the phrasal definite article: WITHOUT MODIFICATION The Guardian WITH PREMODIFICATION the Suez Canal The Washington Post WITH POSTMODIFICATION the House of Commons the Institute of Pediatrics the Bay of Biscay ELLIPTED ELEMENTS The Times the British Broadcasting Corporation (the BBC) the Cambridge College of Arts and Technology the District of Columbia The original structure of a proper noun is sometimes unclear when one element has been dropped and the elliptic form has become institutionalized as the full name: the Tate (Gallery) the Mermaid (Theatre) ' the Atlantic (Ocean) the (River) Thames 75 Note When the ellipted item is a plural or a collective implying plurality, the truncated name is pluralized: the Canary Islands the Canaries the Pennine Range (or Chain) ~ the Pennines 4.30 The following classes of proper nouns are used with the definite article: (a) Plural names the Netherlands the Midlands the Hebrides, the Shetlands, the Bahamas the Himalayas, the Alps, the Rockies, the Pyrenees . So also, more generally, the names of woods, families, etc: the Wilsons (= the Wilson family). (b) Geographical names

Rivers: the Avon, the Danube, the Euphrates Seas: the Pacific (Ocean), the Baltic, the Mediterranean
 Canals: the Panama (Canal), the Erie Canal (c) Public institutions, facilities, etc Hotels and restaurants:
 the Grand (Hotel), the Savoy, the Hilton Theatres, cinemas, clubs, etc: the Globe, the Athenaeum
 Museums, libraries, etc: the Tate, the British Museum, the Huntington Note Drury Lane, Covent Garden.
 (d) Newspapers: the Economist, the New York Times, the Observer After genitives and possessives the
 article is dropped: today's New York Times. Note that magazines and periodicals normally have the zero
 article: Language, Life, Time, Punch, New Scientist. Number Invariable nouns 4.31 The English number
 system comprises SINGULAR, which denotes 'one', and PLURAL, which denotes 'more than one'. The
 singular category includes common non-count nouns and proper nouns. Count nouns are VARIABLE,
 occurring with either singular or plural number {boy boys}, or have INVARIABLE plural {cattle}. Fig. 4: 1
 provides a summary, with relevant section references. 76 s singular invariables plural invariables
 _regular plurals r-VOICING----- ^MUTATION - --/æivPLURAL- — ZERO ----- irre- -guar
 plurals ●US ●a -ae ●um -a ●ex, -ix -ices -is -^--es ^FOREIGN ●on -a ●eau -^--eaux zero (spelling
 only) -o radius larva stratum matrix thesis criterion tableau chassis tempo cherub .base + -/m Fig 4: 1
 Number classes Note non-count nouns: concrete non-count nouns: abstract proper nouns some nouns
 ending in -s abstract adjectival heads summation plurals other pluralia tantum in some plural proper
 nouns unmarked plural nouns personal adjectival heads gold, furniture music, homework Henry, the
 Thames news the beautiful, the true scissors thanks the Netherlands cattle the rich boys calves feet
 oxen sheep radii larvae strata m atrices theses criteria tableaux chassis tempi cherubim In addition to
 singular and plural number, we may distinguish dual number in the case of both, either, and neither
 since they can only be used with reference to two. 4.32 Invariable nouns ending in '-s' Note the following
 classes which take a singular verb, except where otherwise mentioned: (a) news: The news is bad today
 (b) SOME DISEASES: measles, German measles, mumps, rickets, shingles, Som^ speakers also
 accept a plural verb. (c) SUBJECT NAMES IN -ICS (usually with singular verb): das- ics, linguistics,
 mathematics, phonetics, etc -boy . calf foot ox sheep 77 (d) SOME GAMES: billiards, bowls (esp BrE),
 darts, dominoes, draughts (BrE), checkers (AmE), fives, ninepins (e) SOME PROPER NOUNS: Algiers,
 Athens, Brussels, Flanders, Marseilles, Naples, Wales; the United Nations and the United States have a
 singular verb when considered as units. Plural invariable nouns 4.33 SUMMATION PLURALS Tools and
 articles of dress consisting of two equal parts which are joined constitute summation plurals. Countability
 can be imposed by means of a pair of: a pair of scissors, three pairs of trousers. Note bellows binoculars
 pincers pliers scales scissors shears tongs tweezers glasses spectacles braces (BrE) flannels knickers
 pants pyjamas (BrE), pajamas (AmE) shorts suspenders tights trousers [9] Many of the summation
 plurals can take the indefinite article, especially with premodification: a garden shears, a curling-tongs,
 etc; obvious treatment as count nouns is not infrequent: several tweezers. [9] Plural nouns commonly
 lose the inflection in premodification: a suspender belt. 4.34 OTHER 'PLURALIA TANTUM' IN -5 Among
 other 'pluralia tantum' (ie nouns that only occur in the plural), the following nouns end in ~s. In many
 cases, however, there are forms without -j, sometimes with difference of meaning. the Middle Ages
 amends (make every/all possible amends) annals brain(s) ('intellect', he's got good brains, beside a
 good brain) clothes (cf cloths, /s/, plural of cloth) the Commons (the House of Com mons) the Antipodes

archives arms ('weapons', an arms depot) contents (but the silver content of arrears ashes (but tobacco ash) auspices banns (of marriage) bowels the coin) customs (customs duty) dregs (coffee d«gs) earnings entrails 78 fireworks {but he let off a firework) funds ('money'; but a fund, 'a source of money') goods (a goods train) greens guts ('bowels'; but cat-gut) heads (heads or tails?) holidays (summer holidays, BrE, but he's on holiday, he's taking a holiday in Spain) letters (a man of letters) lodgings looks (he has good looks) the Lords (the House of Lords) manners means (a man of means) oats odds (in betting) outskirts pains (take pains) particulars (note the particulars) Note premises ('building') quarters, headquarters {but the Latin quarter) regards {but win his regard) remains riches savings (a savings bank) spirits ('mood'; but he has a kindly spirit) spirits ('alcohol'; but alcohol is a spirit) stairs (a flight of stairs) suds surroundings thanks troops {but a troop of scouts) tropics {but the Tropic of Cancer) valuables wages {but he earns a good wage) wits (she has her wits about her; but he has a keen wit) Cf also pence in 'a few pence', 'tenpence', beside the regular penny ~ pennies. 4.35 UNMARKED PLURALS cattle clergy {but also singular) folk {but also informal folks) gentry man') people {but regular when = 'nation') Variable nouns 4.36 Regular plurals Variable nouns have two forms, singular and plural, the singular being the form listed in dictionaries. The vast majority of nouns are variable in this way and normally the plural {s suffix) is fully predictable both in sound and spelling by the same rules as for the – s inflection of verbs. Spelling creates numerous exceptions, however. (a) Treatment of –y: Beside the regular spy spies, there are nouns in –y to which s is added: police vermin youth {but regular when = young 79 with proper nouns: the Kennedys, the two Germanys after a vowel (except the u of –quy): days, boys, journeys in a few other words such as stand-bys. (b) Nouns of unusual form sometimes pluralize in 's: letter names: dot your /5 numerals: in the 18Ws (or, increasingly, 1890s) abbreviations: two MP's (or, increasingly, MPs) (c) Nouns in –o have plural in –os, with some exceptions having either optional or obligatory –oes\ Plurals in –os and –oes: archipelago, banjo, buffalo, cargo, commando, flamingo, halo, motto, tornado, volcano Plurals only in –oes: echo, embargo, hero, Negro, potato, tomato, torpedo, veto 4.37 Compounds Compounds form the plural in different ways, but (c) below is the most usual. (a) PLURAL IN FIRST ELEMENT 80 attorney general notary public passer-by mother-in-law grant-in-aid man-of-war coat of mail mouthful spoonful attorneys general, but more usually as (c) notaries public passers-by mothers-in-law, but also as (c) informally grants-in-aid men-of-war coats of mail mouthsfull ^ I !>"al» » w (b) PLURAL IN BOTH FIRST AND LAST ELEMENT gentleman farmer manservant woman doctor gentlemen farmers menservants women doctors (c) PLURAL IN LAST ELEMENT {ie normal) assistant director assistant directors So also: boy friend, fountain pen, woman-hater, breakdown, grown-up, sit-in, stand-by, take-off, forget-me-not, etc Irregular plurals 4.38 Irregular plurals are by definition unpredictable and have to be learned as individual items. In many cases where foreign words are involved, it is of course helpful to know about pluralization in the relevant languages particularly Latin and Greek. Thus, on the pattern of analysis analyses we can infer the correct plurals: axis– axes basis– bases crisis–> crises, etc But we cannot rely on etymological criteria: plurals like areas and villas, for example, do not conform to the Latin pattern {areae, villae). 4.39 VOICING + –5 PLURAL Some nouns which in the singular end in the voiceless fricatives spelled th and –/ have voiced fricatives in the plural, followed by /z/. In one case the voiceless fricative is /s/ and the

plural has /ziz/: house houses. (a) Nouns in -th There is no change in spelling. With a consonant before the -th, the plural is regular: berth, birth, length, etc. With a vowel before the -th, the plural is again often regular, as with cloth, death, faith, moth, but in a few cases the plural has voicing {mouth, path), and in several cases there are both regular and voiced plurals: bath, oath, sheath, truth, wreath, youth. (b) Nouns in -f(e) Plurals with voicing are spelled -ves. Regular plural only: belief, chief, cliff, proof, roof, safe. Voiced plural only: calf, elf, half, knife, leaf, life, loaf, self, sheaf, shelf, thief, wife, wolf. Both regular and voiced plurals: dwarf, handkerchief, hoof, scarf, wharf. Note The painting term still life has a regular plural: still lifes. 4.40 MUTATION Mutation involves a change of vowel in the following seven nouns: foot ~ feet, tooth ~ teeth, goose ~ geese, man ~ men, louse ~ lice, mouse ~ mice, woman ~ women. Note With woman, the pronunciation differs in the first syllable only, while postman/postmen, Englishman/men, etc. have no difference in pronunciation at all between singular and plural. 4.41 THE -EN PLURAL This occurs in three nouns: brother, child, ox. brethren/brethren (with mutation) = 'fellow members of a religious society'; otherwise regular brothers, children (with vowel change /ai/ /i/), oxen. ZERO PLURAL 4.42 Some nouns have the same spoken and written form in both singular and plural. Note the difference here between, on the one hand, in variable nouns, which are either singular (This music is too loud) or plural (All the cattle are grazing in the field), and, on the other, zero plural nouns, which can be both singular and plural (This sheep looks small; All those sheep are mine). 4.43 Animal names Animal names often have zero plurals. They tend to be used partly by people who are especially concerned with animals, partly when the animals are referred to as game. Where there are two plurals, the zero plural is the more common in contexts of hunting, etc., eg: We caught only a few fish, whereas the regular plural is used to denote different individuals or species: the fishes of the Mediterranean. 4.44 The degree of variability with animal names is shown by the following lists: Regular plural: bird, cow, eagle, hen, rabbit, etc. Usually regular: elk, crab, duck (zero only with the wild bird). Both plurals: antelope, reindeer, fish, flounder, herring. Usually zero: pike, trout, carp, deer, moose. Only zero: grouse, sheep, plaice, salmon. 4.45 Quantitative nouns The numeral nouns hundred, thousand, and usually million have zero plurals except when unmodified; so too dozen, brace, head (of cattle), yoke (rare), gross, stone (BrE weight). 82 He always wanted to have hundreds/thousands of books and he has recently bought four hundred/thousand. Other* quantitative and partitive nouns can be treated similarly, though the zero plurals are commoner in informal or technical usage: Dozens of glasses; tons of coal. He is six foot/feet (tall). He bought eight ton(s) of coal. Note Plural measure expressions are normally singularized when they premodify: a five-pound note, a ten-second pause. 4.46 Nouns in -(e)s A few nouns in -(e)s can be treated as singular or plural: He gave one series/two series of lectures. So too species. With certain other nouns such as barracks, gallows, headquarters, means, {steel) works, usage varies; they are sometimes treated as variable nouns with zero plurals, sometimes as 'pluralia tantum'. FOREIGN PLURALS 4.47 Foreign plurals often occur along with regular plurals. They are commoner in technical usage, whereas the -s plural is more natural in everyday language; thus formulas (general) formulae (in mathematics), antennas (general and in electronics) antennae (in biology). Our aim here will be to survey systematically the main types of foreign plurals that are used in present-day English and to consider the extent to which a particular plural form is obligatory or optional. Most (but by no means all)

words having a particular foreign plural originated in the language mentioned in the heading. 4.48

Nouns in 'US (Latin) The foreign plural is -i, as in stimulus ^ stimuli. Only regular plural {-uses): bonus, campus, chorus, circus, virus, etc Both plurals: cactus, focus, fungus, nucleus, radius, terminus, syllabus Only foreign plural: alumnus, bacillus, locus, stimulus Note The usual plurals of corpus and genus are corpora, genera, 83 4.49 Nouns in -a (Latin) The foreign plural is -ae, as in alumna ^ alumnae. Only regular plural {-as): area, arena, dilemma, diploma, drama, etc Both plurals: antenna, formula, nebula, vertebra Only foreign plural: alga, alumna, larva 4.50 Nouns in -um (Latin) The foreign plural is -a, as in curriculum ^ curricula Only regular plural: album, chrysanthemum, museum, etc Usually regular: forum, stadium, ultimatum Both plurals: aquarium, medium, memorandum, symposium Usually foreign plural: curriculum Only foreign plural: addendum, bacterium, corrigendum, desideratum, erratum, ovum, stratum Note Media with reference to press and radio and strata with reference to society are sometimes used informally as singular. In the case of data, reclassification as a singular non-count noun is widespread, and the technical singular datum is rather rare. 4.51 Nouns in -ex, -ix (Latin) The foreign plural is -ices, as in index ^ indices. Both regular and foreign plurals: apex, index, vortex, appendix, matrix Only foreign plural: codex 4.52 Nouns in 'is (Greek) The foreign plural is -es, as in basis ^ bases Regular plural (-ises): metropolis Foreign plural: analysis, axis, basis, crisis, diagnosis, ellipsis, hypothesis, oasis, parenthesis, synopsis, thesis 4.53 Nouns in -on (Greek) The foreign plural is -a, as in criterion ^ criteria. Only regular plurals: demon, electron, neutron, proton Chiefly regular: ganglion 84 Both plurals: automaton Only foreign plural: criterion, phenomenon Note Informally, criteria and phenomena are sometimes used as singulars. 4.54 French nouns A few nouns in -e(a)u retain the French -x as the spelling of the plural, beside the commoner -s, but the plurals are almost always pronounced as regular, /z/, irrespective of spelling, eg\ adieu, bureau, tableau, plateau, 4.55 Some French nouns in -s or -k are pronounced with a final vowel in the singular and with a regular /z/ in the plural, with no spelling change: chamois, chassis, corps, faux pas, patois. 4.56 Nouns in 'O (Italian) The foreign plural is -i as in tempo ^ tempi. Only regular plural: soprano Usually regular plural: virtuoso, libretto, solo, tempo Note Graffiti is usually a 'pluralia tantum', confetti, spaghetti non-count singular. 4.57 Hebrew nouns The foreign plural is -im, as in kibbutz ^ kibbutzim. Usually regular: cherub, seraph Only foreign plural: kibbutz Gender 4.58 English makes very few gender distinctions. Where they are made, the connection between the biological category 'sex' and the grammatical category 'gender' is very close, insofar as natural sex distinctions determine English gender distinctions. It is further typical of English that special suffixes are not generally used to mark gender distinctions. Nor are gender distinctions made in the article. Some pronouns are gender-sensitive (the personal he, she, it, and the relative who, which), but others are not (they, 85 some, these, etc). The patterns of pronoun substitutions for singular nouns give us a set of ten gender classes as illustrated in Fig 4:2. animate 'non personal I inanimate • , E collective family GENDER EXAM PRONOUN CLASSES PLES SUBSTITUTION ^A masculine ,Bfeminine uncle who - he aunt who- she doctor who - he/she C dual , D common baby {who - he/she? it which - it {which - it who - they V someone, somebody {some people E) something {some- where H, J) masculine ,F higher animal feminine G higher animal H higher organism bull {which- it C who) - he cow {which - it O who) - she France which - it/she I lower animal ant J inanimate box which - it Fig 4:2 Gender classes 4.59

IA/B] Personal masculine/feminine nouns These nouns are of two types. Type (i) has no overt marking that suggests morphological correspondence between masculine and feminine, whereas in Type (ii) the two gender forms relationship. have a derivational relationship. (i) morphologically unmarked for gender bachelor spinster sister mother lady bride duchess empress goddess heroine king man monk uncle • host steward waiter waitress widower widow usher usherette unmarked for gender (ii) morphologically marked for gender brother father gentleman bridegroom duke emperor, soldier queen woman nun aunt 86 hostess stewardess Some masculine/feminine pairs denoting kinship have common (dual) generic terms, for example, parent for father/mother, and child for son/daughter as well as for boy/girl. Some optional feminine forms (poetess, authoress, etc) are now rare, being replaced by the dual gender forms (poet, author, etc). 4.60 (CJ Personal dual gender This is a large class including, for example, the following: artist fool chairman foreigner musician servant neighbour speaker novelist student parent teacher person writer professor cook criminal doctor enemy friend guest inhabitant librarian For clarity, it is sometimes necessary to use a 'gender marker': boy friend girl friend man student woman student The dual class is on the increase, but the expectation that a given activity is largely male or female dictates the frequent use of sex markers: thus a nurse, but a male nurse\ an engineer but a woman engineer. Note Where such nouns are used generically, neither gender is relevant though a masculine reference pronoun may be used: If any student calls, let him I'll be back soon When they are used with specific reference, they must of course be either masculine or feminine and the context may clearly imply the gender in a given case: I met a {handsome} student (and he ...) I met a {beautiful} student (and she ...)